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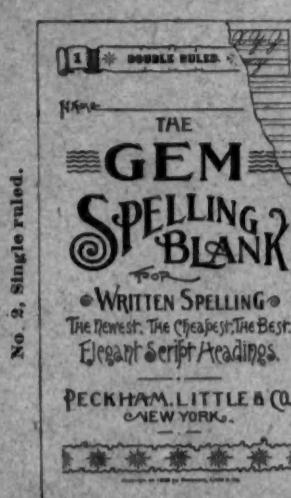
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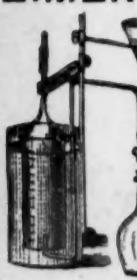
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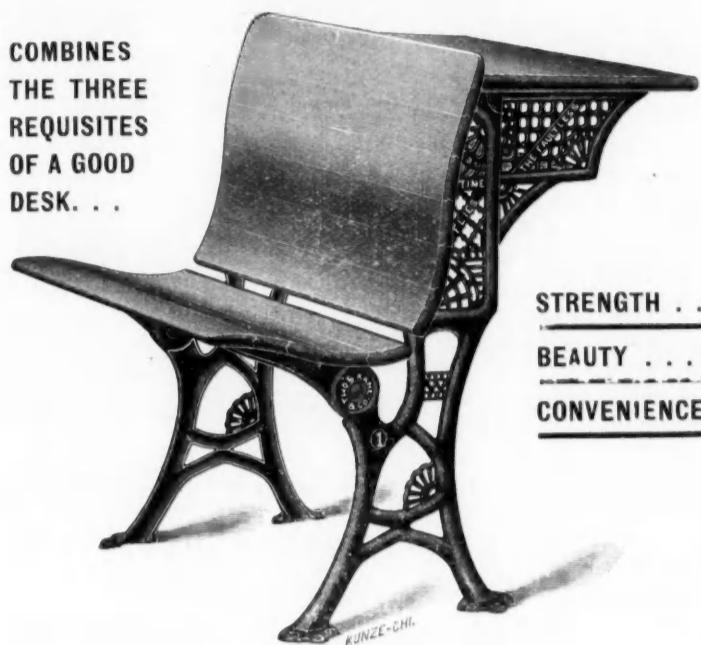
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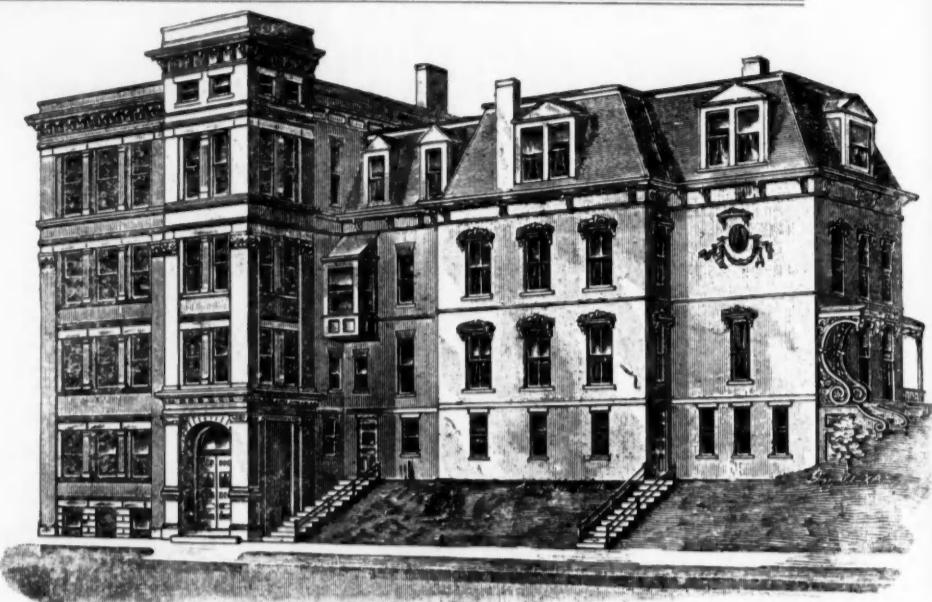
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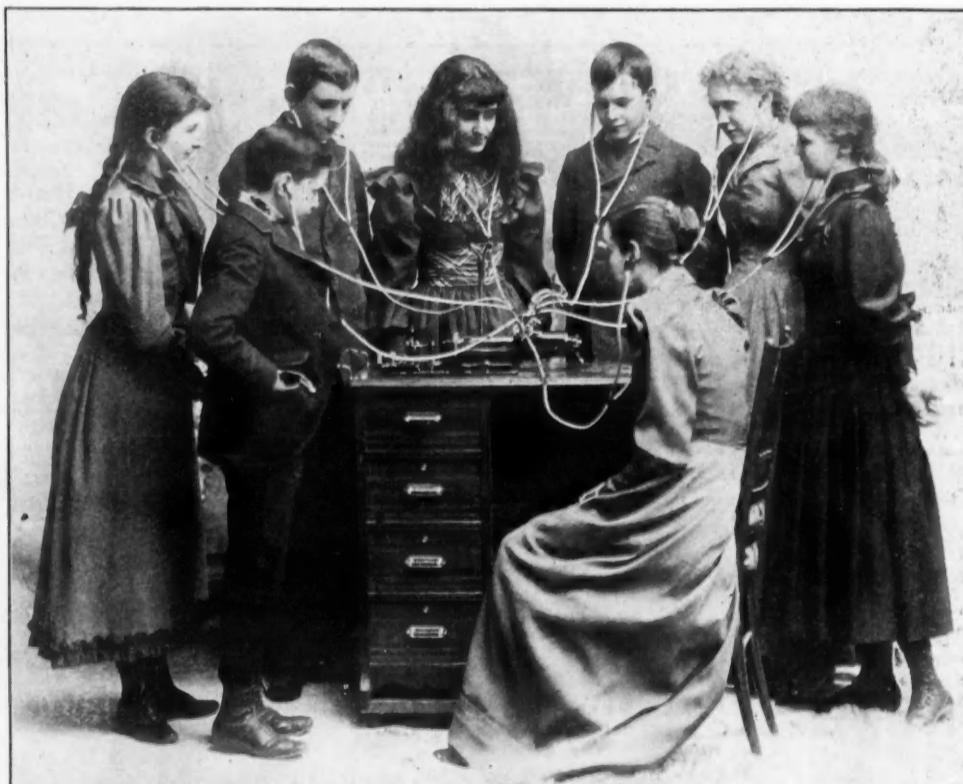
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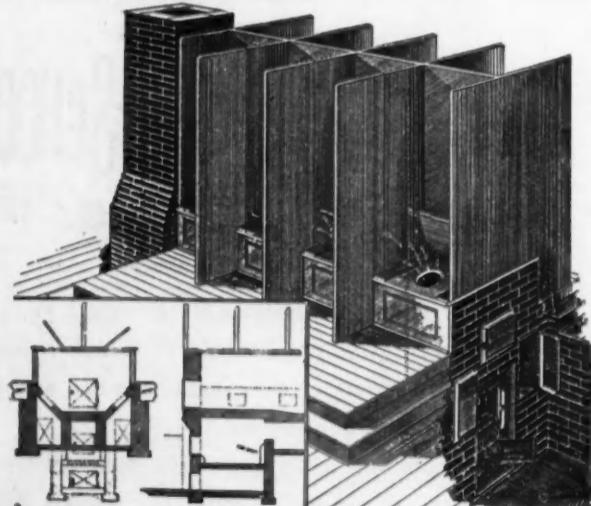
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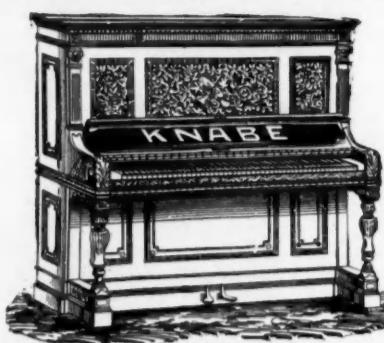
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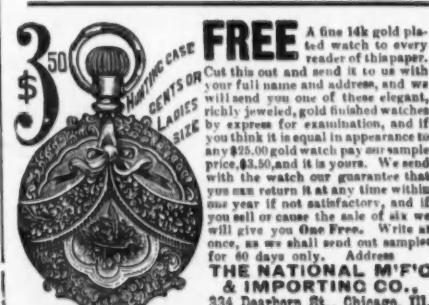
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Experts in Crown and Bridge Work. Painless Extraction of Teeth by an entirely new process a Specialty.

Prices the Lowest. Work the Best.

All work guaranteed for five years and kept in repair during that time. Special discount to teachers from outside the city

Chicago Dental Association,
132 Grand Ave., Milwaukee.

AMERICAN SCHOOL BOARD JOURNAL.

THE RICHTER SYSTEM.

F. Richter & Son have a large force of men at work on the Tenth Ward school, of Milwaukee, putting in their new "Hot and Warm Blast System" of Heating.

It is said that it will be the most complete, simple and economical system in the country when completed; and it will furthermore accomplish equally as much as the more expensive systems, put into other schools at a less cost.

Their system will heat the school to 70° Fahrenheit in coldest weather, change the air in the building every ten minutes, and furnish 30 cubic feet of air per minute to each pupil.

The space used is only half that other systems require. The Tenth Ward school of Milwaukee, and also the High school of Lancaster, Wis., which will be heated with The Richter & Son Hot and Warm Blast system exclusively, will have the neatest, most complete and economical heating system of any school in the state.

They have a large force of men at work on the Fifth Ward school, (which is one of the largest schools in the city, if not the largest) putting in the Steam and Hot Blast System.

They are thoroughly practical engineers and furnish plans and estimates free of charge to architects and school committees and guarantee to do the work as is desired.

At Exposition Music Hall the living pictures claim the greater part of the attention of the large audiences that assemble there nightly. They are put on in a splendid manner and reflect great credit on the enterprise and energies of Amusement Director Miller. The subjects, which are changed weekly, are selected from the famous masterpieces of painters and sculptors and comprise a great many works of art on exhibition in galleries and in the homes of wealthy and cultured people.

Other novelties that are due at this popular place of amusement during the current month are Alice Raymond, the beautiful and accomplished cornetist; "Pete" Baker, the renowned German comedian; Cora Beckwith, the noted swimmer; Mons. E. A. Lefebre, the saxophone soloist; the Barra Troupe, eccentric musicians, and Coup's wonderful trained horses, ponies and dogs.

IMPORTANT NOTICE.

It gives me great pleasure to announce to my friends and patrons that I have completely refitted my office with the latest and most approved electrical appliances for the performance of operative and practical dental surgery, and that I am now in position to perform the various dental operations, such as the extraction and filling of teeth in a painless manner, and saving of time, annoyance and money for my patrons. Kindly call and inspect my work before going elsewhere. Yours respectfully,

J. C. SCHNEIDER, D. D. S.

Corner Fourth and Chestnut St.

INEBRIETY ABSOLUTELY CURED.

At the Bedal Gold Cure Institute, Wauwatosa, Wis. For particulars and circulars address, S. T. Leaming, manager, Wauwatosa, Wis.

H. G. RAZALL VINDICATED.

We have been looking in vain for some outspoken vindication of Mr. H. G. Razall in the daily press where he has figured so prominently for the past few months in connection with his contract with the county. It is a notable fact that criticisms are usually heaped upon a man more freely than praise or vindication. Mr. Razall stands fully and equivocally vindicated.

It has been our experience in the matter of public work for the city and county administration that the prices usually paid by them on competitive contracts are unprofitable. Both the city and county to-day receive work at far less cost than private individuals would have to pay. This is true not only in Milwaukee but all other cities. The scramble to secure work of this kind is prompted more largely for the prestige which may be gained than for purpose of pure profit. We venture to say that more money has been lost by printers and binders in doing public work than has ever been made. Mr. Razall has succeeded by close figuring and in open competition to secure the county work. If he has made any profit out of it it has been on special items and within lines of ordinary business rules. There is no good reason why the county or city should not pay living prices for all its work. If Mr. Razall has succeeded in making a reasonable profit it stands to his credit as a business man. His untiring energy and close application to business is commendable and all fair minded taxpayers should be ready and willing to pay local manufacturers and business houses reasonable prices for all they get.

EXPERT WORK IN MARBLE.

Jos. Shaver, president of the Jos. Shaver Granite and Marble Co., corner 19th and Walnut Sts., Milwaukee, was presented with a diploma by the World's Columbian Exposition as an expert artisan in the construction of soda fountains and monumental work. This firm which does the largest business in the northwest are now prepared to furnish estimates on all classes of work in marble. See their ad. in another column.

No. 46.

The bread, rolls, etc., heretofore sold at the "Woman's Exchange" and known as "No. 46," have been withdrawn from there. See their advertisement elsewhere in this issue headed A Pointer on Bread with cut of "Pointer" on loaf. Those who have not tested those delicious "Cream" Breakfast Rolls and the excellent bread made by Catherine Moser & Co., should apply to headquarters, 228 Wisconsin St., or opposite Woman's Exchange, Milwaukee St.

MONEY SAVED.

Send for a bottle of Faber's Emulsion of Norwegian Cod Liver Oil, this is an honest preparation, being superior to any like medicine heretofore introduced and not near so expensive. Sent upon receipt of price, 75 cents, to any part of the United States. Address C. A. Faber, 432 Chestnut St., Milwaukee, Wis.

GIMBEL BROTHERS.

MILWAUKEE, AUGUST, 1894.

POINTER.—The wise men do everything on time.

The Retail Prices

There is scarcely a July in all the History of American retailing that has developed more advantageous prices than the present one. The price reducing powers of this store have been almost unlimited. They have extended into all lines and to a degree that has caused retailers about here to wonder. This power has been grandly illustrated this July and there is as much more to come daily.

Send for samples.

WASH SILKS

Money saving was never more interestingly urged than now among these:

24-inch Striped Habutai Silks. Regu- At 50c
lar price \$4c and 60c.
22-inch Striped Kaikai. Regular At 39c
price 50c.
22-inch Printed China Silks, black At 39c
and colored grounds. Reg. price 50c
27-inch Printed China Silks, black At 50c
and colored grounds. Reg. price 75c

Made to sell more; imported to sell more, and have been more in every other store than this. Favorite styles no matter what use you want of them.

Send for samples.

SHOES

We give them to you at better prices than ever.

Women's Tan Lace Shoes. Regular \$1.98
price \$3.00.

Women's Russia Lace Shoes, odd sizes, Regular price \$4.00 and \$4.35. Now \$2.98

Misses' Tan Oxfords, Philadelphia toe, sizes 11 to 5. Regular price \$1.68. Now \$1.48

Boys' Tan Half Shoes, odd sizes. Regular price \$2.50. Now \$1.48

Children's Tan Oxfords, sizes 6 to 10½. Regular price \$1.00 and \$1.25. Now 68c

So far as intrinsic value goes half more ought to be asked and gotten.

(Signed)

GIMBEL BROTHERS,
Milwaukee, Wis.

3 & 5 Grand Avenue.
174 & 176 West Water Street.

H. B. WIBORG, M.D., D.D.S.

DENTIST,

Rooms 514 and 515 Matthews Building,

Cor. Grand Ave. and Third St.,

MILWAUKEE, WISCONSIN.

RUPTURE

PERMANENTLY

CURED OR NO PAY.

Financial Reference: MILWAUKEE NATIONAL BANK.
We refer you to 2,500 patients.

No Operation. No Detention from Business.
Written guarantee to absolutely Cure all kinds of Rupture of either sex without use of knife or syringe, no matter of how long standing.

EXAMINATION FREE.  SEND FOR CIRCULAR.
THE O. E. MILLER CO.
51-53 Merrill Bidg. MILWAUKEE.

DR. ROSA UPSON.

SPECIALIST.

Diseases of Women, Eye, Ear, Nose and Throat.

Office: 631 Grand Avenue, Corner Seventh St., MILWAUKEE, WISCONSIN.

Office hours: 9 A. M. to 12 M., 1 to 5 P. M., 6:30 to 7:30 P. M.

GOODRICH LINE

3 TIMES DAILY BETWEEN

MILWAUKEE AND CHICAGO.

THE NEW STEAMSHIPS

VIRGINIA AND INDIANA

Between Milwaukee and Chicago Only.

FOR	MILWAUKEE	LEAVE	ARRIVE
Chicago (Steamship Virginia)	7:30 PM	5 A. M.	
Chicago (Steamship Indiana)	8 A. M.	2:30 P. M.	
Chicago (Str. Chicago)	6 A. M.	5 A. M.	
Racine (Steamship Virginia)	7:30 PM	2:30 P. M.	
Sheboygan and Manitowoc	7 A. M.	5 A. M.	
Keweenaw and Ahnapee	7 A. M.	5 A. M.	
Sturgeon Bay	7 A. M.	5 A. M.	
Monominee and Marinette	7 A. M.	5 A. M.	
Green Bay	Friday and Sunday	5 A. M.	
Escanaba, Muskegon, Fayette, Nahma Garden, Fish Creek, Sister Bay, Ellison's Bay, Gladstone, Bailey's Harbor and Jacksonport	7 A. M.	Sundays	Thursdays
		7 A. M.	at 4 P. M.

FARE.—night steamers berth included, \$2.00, night steamers, round trip, including berth both ways, \$3.50, night steamers, on deck \$1.00, day steamer, \$1.00.

Sure connections at Chicago with all trains for all points East, South and Southwest.

Steamers leaving Milwaukee at 6 A. M., 8 A. M. and 7 A. M., arriving in Chicago at 1 P. M., 2 P. M. and 5 A. M.

Passengers from the interior due in Milwaukee about 7 P. M. will have ample time to reach the steamer Virginia for Chicago.

Where trains are a little late they will wait until 8 P. M. G. HURSON, Gen'l Traffic Manager.

*Daily. [†]Except Mondays and Sundays.

TELEPHONE 1839.

PALACE STEAM LAUNDRY

234 & 236 REED ST..

LINGELBACH & THOMANN, Props.

MILWAUKEE.

1894.

Men's Suits for Summer
have arrived. Elegant
stock to select from.



THE LEADING STOCK
OF
BOYS' CLOTHING
MANY NEW STYLES.

1894.

J. C. SCHNEIDER, D.D.S.

ORAL SURGEON.

Rooms 1, 2, 3 and 4.

404 CHESTNUT ST.
COR. OF FOURTH.

Special invitation to teacher
and students.



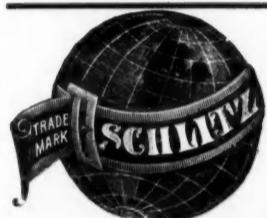
ZIMMERMANN BROS. *Clothing Co.*

384 EAST WATER ST. MILWAUKEE WIS.

Fred. W. Cords,

Shirt Maker and Men's Furnisher,
81 WISCONSIN STREET,
MILWAUKEE.

IRON BLOCK.



JOS. SCHLITZ BREWING CO.,
MILWAUKEE.

Celebrated Bottled Beer Brands:

Pilsener, Extra Pale, Extra Stout,
Schlitz Porter.

PABST BREWING CO.,
MILWAUKEE, WIS.

The Largest Lager Beer Brewery in the World. Annual Capacity 1,500,000 Barrels. Our Bottled Beers are sold the world over and are especially recommendable for Family and Table use. Age, Purity and Strength Guaranteed.



F. W. Heine,

Water Color Studio,

539 East Water St.,

Milwaukee.

TELEGRAM CYCLE MFG. CO.,

MANUFACTURERS OF **Telegram Bicycles**
. . . and **Sanger Racers**.



SPECIAL SANGER RACER.

(King of Telegrams).

This is the wheel that Walter Sanger rode, and made all his records on.

Our Guarantee.

TELEGRAM CYCLES and their parts are guaranteed to be free from imperfections in material or workmanship and we will replace without charge any part returned to us free of charge. . . .

Agents Wanted in every Town in the U. S.

Send for Catalogue.

ADDRESS _____

TELEGRAM CYCLE MFG. CO., MILWAUKEE, WIS.

Milwaukee, Wis., U. S. A.



LADIES' TELEGRAM, Weight 32 lbs.

The most scientifically constructed Ladies' Safety ever made, as well as the most beautiful. Weight of Ladies' Wheels can be reduced from 4 to 5 pounds by using wood rims, optional with purchaser.

AMERICAN SCHOOL BOARD JOURNAL.

A PROGRESSIVE STEP.

A FIRST CLASS SCHOOL SUPPLY HOUSE IN MILWAUKEE.

The old and well known H. H. West Company is about to occupy the large and well located store at 389 East Water Street, near Wisconsin Street. The removal into these quarters is attended with an enlargement of the Company's scope and in a decided new departure. This means a new and increased stock of goods in the way of stationery and office supplies, with the addition of a good line of school supplies.

It is a remarkable fact that no firm in Milwaukee has ever attempted to keep in stock anything like an extensive variety of school supplies. The H. H. West Company evidently has realized the practicability of this step and the appreciation it would find on the part of the educational as well as the general public. A complete stock of mathematical instruments and drawing material, high school and graded school books, such as have been adopted by the various boards of education, are constantly kept in stock. School stationery in variety and in all qualities can be had.

The reliability of the firm is well known as it has sustained a reputation which places it among the most solid and prosperous establishments in the city and state. Educators and the general public have always found pleasant service, good goods, and satisfactory prices. The school Board Journal is especially gratified that a firm of such high standing has interested itself in the subject of school supplies, as well as general office supplies, to such an extent as to meet completely the demands of the time.

TULA WATER.

Gives a beautiful complexion. The brilliancy it imparts is *marvelous*. By its healing and cleansing tendency, *tan, freckles, pimples, blackheads, liver spots, etc.*, are safely removed. Try it. It will give you an appearance of *elegance and refinement*. Tula water combines every element of *beauty and purity* and is as *harmless* as dew. Price 75 cents a bottle. Prepared by the Woman's Co-operative Toilet Co., (incorporated), Milwaukee, Wis.

P. S.—We also offer paying home employment to teachers and other ladies of intelligence (during leisure hours) such as writing, etc. If convenient apply with stamp.

Dr. Ballard, the well known dentist, has severed his connection from the firm of Fuller & Ballard, and moved into pleasant office rooms, corner of Grand Avenue and West Water St., above Nicolai & Starr, who occupy the old Tesch corner.

MILWAUKEE'S LEADING HOTEL.

The Plankinton House, of Milwaukee Wis., which is considered by the traveling public to be one of the leading hotels in this country, has been recently placed under new management. Mr. William G. King, a hotel man of life-long experience, and who understands the business from the ground up, is now the

manager. There are 400 elegantly furnished rooms in this house, rates being from \$2.50 to \$5.00 per day. Special rates are furnished to conventions on application. When in Milwaukee be sure and stop at the Plankinton.

A SURE CHANCE TO MAKE MONEY.

I read with interest letters from correspondents. If this, my first letter escapes the waste basket, I may write others. My old schoolmate made so much money plating knives, forks, etc., I ordered a 85 machine from H. F. Delno & Co., of Columbus, Ohio. I made \$21 the first week. I get all the plating I can do and sold three platers at \$12 profit. The work is splendid even on the finest jewelry. Any reader can get circulars by writing and have profitable employment all the year round.

YOUNG READER.

ROSE POLYTECHNIC INSTITUTE

TERRE HAUTE, IND.—A COLLEGE OF ENGINEERING. Well endowed, well equipped. Courses in Mechanical, Electrical, Civil Engineering and Chemistry. Extensive Machine Shops, Laboratories, Drawing Rooms, Library. Expenses low. Address H. T. EDDY, Pres't.



SPECIAL PRICES TO TEACHERS.

Come and see us, we photograph everything under the sun.

WASHINGTON AND THE BEAUTIFUL VIRGINIAS VIA INDIANAPOLIS, CINCINNATI, AND BIG FOUR ROUTE.

Here are a few facts, which left for your own consideration and conservative judgment will bring but one conclusion: "The Best Line."

The magnificent trains of the Big Four Route leave the new Central Station, Chicago, daily passing through La Fayette and Indianapolis to Cincinnati, where in the Central Union Station, direct connections are made with all trains of the Chesapeake & Ohio, Queen & Crescent Route, Louisville & Nashville Railway and Nashville Railway and B. & O. S. W. Railway, extending in every direction south and southeast, a feature enjoyed by no other line. From Indianapolis Through Palace Sleeping Cars run daily to Washington, D. C., via Chesapeake & Ohio Railway, through the picturesque and historic Virginias, whose beautiful mountain scenery make the trip so intensely interesting, that only one regret is possible—the trip is so short.

Are you going to any point in Virginia? Are you going to Washington? This is your route.

When you purchase your ticket, see that it reads via Big Four and Chesapeake & Ohio Railways.

E. O. McCormick, **D. B. Martin,**
Pass'r Traffic Mgr. Gen'l Pass'r Agt.

SCHOOL BOOKS AND SUPPLIES

We invite your attention to our Stock of

High School Books, Graded School Books, School Stationery,

MATHEMATICAL INSTRUMENTS AND DRAWING MATERIALS.

Ladies' and Gentlemen's

POCKET BOOKS AND PURSES.

Crane's and Hurd's lines of Fine Writing Paper.

Every Teacher and High School Scholar should have our ONE DOLLAR high grade 14 k. Fountain Pen, every one guaranteed. Usual price \$2.00.

H. H. WEST COMPANY,

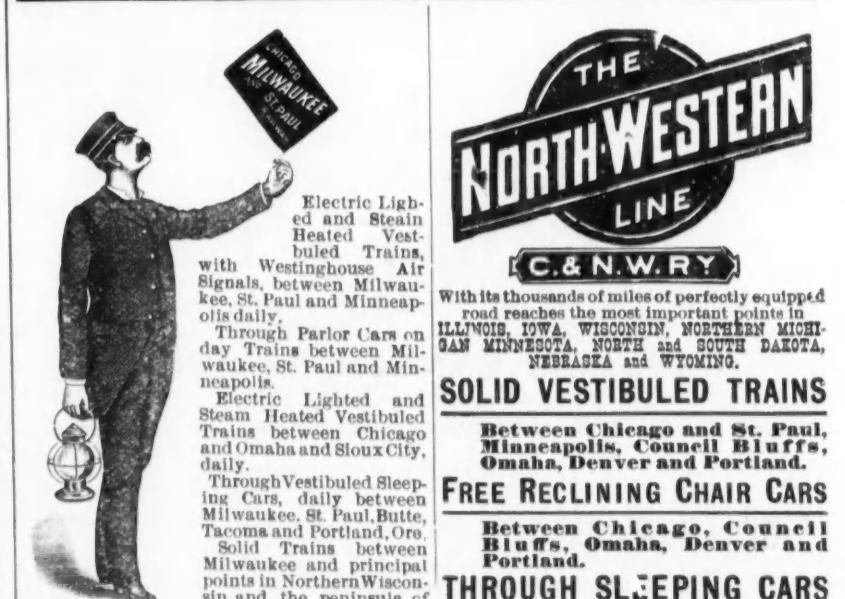
After August 30th will be at

Four doors South of Wisconsin St.

389 EAST WATER STREET.



FURNITURE, STOVES, CARPETS, CROCKERY, ETC., ETC.



With its thousands of miles of perfectly equipped road reaches the most important points in ILLINOIS, IOWA, WISCONSIN, NORTHERN MICHIGAN, MINNESOTA, NORTH and SOUTH DAKOTA, NEBRASKA and WYOMING.
SOLID VESTIBULED TRAINS
Between Chicago and St. Paul, Minneapolis, Council Bluffs, Omaha, Denver and Portland.
FREE RECLINING CHAIR CARS
Between Chicago, Council Bluffs, Omaha, Denver and Portland.
THROUGH SLEEPING CARS
Between Chicago and San Francisco without change.
SUPERB DINING CARS
For Tickets, Time Tables and full information apply to Agents
CHICAGO & NORTH-WESTERN R.Y.
Or address the Gen'l Pass. and Ticket Ag't at Chicago
W. H. NEWMAN, J. M. WEITMAN, W. A. THRALL,
3rd Vice-Pres. Gen'l Manager. Gen'l Passenger
Gen'l Passenger and Ticket Agent.

School Board Journal

We Report the Important Transactions of every School Board in the United States and Canada.

VOL. VI.

MILWAUKEE, AUGUST, 1894.

No. 8.

AT ASBURY PARK.

THE SIGHTS AND SCENES AT THE GREAT NATIONAL EDUCATIONAL ASSOCIATION MEETING.

The Association had selected a delightful spot when Asbury Park was chosen. This beautiful resort, situated on the ocean shore, offered all the facilities for convention purposes as well as affording all the pleasures which are usually sought. Owing to the western strikes the attendance from the West was limited, yet on the whole there were 5,500 educators who entered with a lively spirit into the occasion and who departed improved physically and mentally, bearing with them many pleasant recollections of the important event. The leading educators were all present, and in an educational sense it was a great success. The addresses were thoughtful and able. Extracts of many of these will from time to time appear in the SCHOOL BOARD JOURNAL.

The social side was charming. Everybody appeared at his or her best. The renewals of friendship were gladsome and the usual exchange of courtesies were delightful. There were receptions, promenades, bathing, boating and dancing.

Dignified men, like Professor G. Stanley Hall, Dr. Nicholas Murray, Butler, Nightingale, Bartholomew, Fitzpatrick, Dougherty, Blodgett, etc., floundered about in the surf like happy children.

School ma'ams, fat and lean (more of the latter), ventured into the briny ocean with some timidity but soon grew courageous enough to permit the waves to toss them and rock them. They all enjoyed themselves hugely.

Then there was the ubiquitous school book agent. He never misses any fun; in fact, he can furnish it. He carries some with him. The stately Hulse and giant Hunt, the dapper Dawson and the lank Louis, the princely Reibauld and the solemn Foresman, the portly Cheney and the gallant Clancy, etc., all swam like fish, sang like cherubs, and contributed generally and generously towards the good spirit which prevailed.

THE PUBLISHERS.

The Exhibit Hall furnished many interesting and valuable things to the educators who found time enough to turn their thoughts to the business and practical portion of the meeting. There were books, charts, maps, desks, etc., neatly arranged and presided over by pleasant men who gave answer to all inquiries regarding their goods, their uses, advantages and cost.

The educational publishers were fairly well represented. Ginn & Co. made a good display of their books. C. R. Bill, the old time book man, was in charge.

The exhibit of D. C. Heath & Co. was also very fine. Mr. Heath himself, as well as Mr. Ames, were seen frequently about chatting with educators. Mr. Ellsworth was in charge.

Silver, Burdett & Co. were also represented. They had a fine selection of their books and were represented by Walter L. Sanborn.

D. Appleton & Co. had a good display of educational and miscellaneous books. Mr. Hayes, the New York representative, and Alfred A. Horn, the well known western manager, were in the midst of the Appleton books, pleasantly chatting with the throng of teachers.

E. L. Kellogg & Co. had an array of books and its merits were explained by J. H. Brown in a happy and effective manner.

The Educational Publishing Co. was represented by E. S. Smith and F. J. Lobbett, both doing good work.

Wm. Beverly Harison occupied a central spot and his exhibit was fine and interesting. Mr. Harison is a tall, athletic person, looks like an Englishman and rather youthful in appearance. He gave strict attention to business.

The Potter & Putnam exhibit was tasteful and interesting. To the groups of teachers who gathered about it from time to time Mr. A. W. Potter, a member of the firm, gave all the desired information. Mr. Potter is an earnest and industrious business man. He made many friends.

Lee & Shepard, of Boston, exhibited a fine array of books. Frank M. Goss, that brilliant young book man, who knows everybody, was busily engaged in attending to inquiring educators.

Three large tables of good books comprised the exhibit of Maynard, Merrill & Co., the well-known educational publishers. Edward Merrill was in charge. He acquitted himself excellently, made many friends for himself, his firm and his books.

W. E. Benjamin, that energetic publisher of the Library of American Literature, was represented. Many educators flocked to this exhibit and were much interested in the fine array of good books.

SCHOOL SUPPLIES.

J. M. Olcott, of New York, made a splendid exhibit. He is the American agent for the well known W. & A. K. Johnston maps. They are a standard article and need no description here. Mr. Olcott also handles the Parker's New Structural Maps which have won such a reputation in recent years and have been adopted in many large cities.

The Holden Patent Book Cover Co., of Springfield, Mass., was represented by E. W. Walker. These covers have met with wonderful success and are now being rapidly introduced wherever the free text book system prevails.

A beautiful and inspiring display was made by the American Flag Mfg. Co., of Easton, Pa. Bunting and banners draped a square booth. Handsome samples of flags were in profusion. This

company is especially equipped with the want of the American schools. A neat little pamphlet giving tableaux of states and ritual for teaching patriotism in the public schools is sent, we believe, free to any address.

The Standard Electric Time Co.'s exhibit attracted considerable attention. The "Warner System" of Electric time for schools was the centre of attraction. This Company, which is located at Waterbury, Conn., has devised a clock system which should find its permanent place in every school building. With this system all clocks in a building move together at the exact second, being controlled by a self winding regulator placed in the principal's or teacher's room. With the Uniform Electric Time System the principal knows the time is uniform throughout the building and no excuse can be made for not shifting classes, dismissing scholars, etc., at the exact time. Mr. J. S. Blinn, of New Haven, Conn., represented the Company.

A large number of prominent educators were interested in the Gibb's Armillary Sphere and Tellurian, which was placed on exhibit. The inventor himself, Mr. S. M. Gibbs, of Danville, Pa., was present and explained its principles and gave directions for its use. Everyone pronounced it wonderful and its future is certainly bright.

Among the exhibitors of school stationery, the Smith & White Mfg. Co., of Holyoke, Mass., must be especially mentioned. An elaborate exhibit was in charge of Mr. H. R. Rice, who was on hand at all hours to answer inquiries. The company has made an enormous success in this line and now furnishes the leading school system of the country with school stationery. The goods are reliable and prices most reasonable.

The Acme Stationary and Paper Co., of New York, was represented by Chas. R. Hodges, who had handed out to the teachers a neat and convenient memorandum pad as a souvenir.

Ward's Natural Science Establishment, of Rochester, N. Y., presented an interesting collection of Minerals, Rocks, Fossils and their Physiological series. It held the attention of hundreds, and did great credit to the enterprise of that firm.

Rand, McNally & Co. were also on deck. The gallant C. H. Hammond, the Eastern manager, who has a cheering word for everybody, discoursed pleasantly about the many fine things which were in his care.

The Bausch & Lomb Optical Co., of Rochester, N. Y., was represented by James C. Ternan with a splendid assortment of microscopes. The company has made a reputation in this line and the microscopes displayed were ample proof of their ability to produce a fine article.

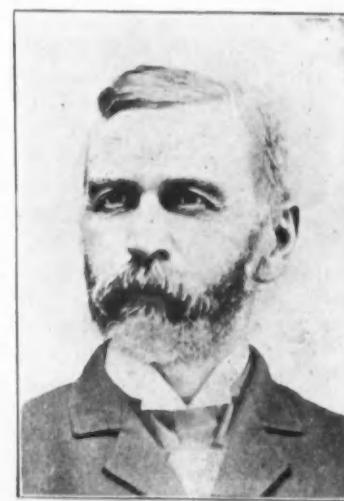
The Number Wheel, a new device for teaching arithmetic, invented by Supt. Seth C. Crocker, was exhibited. The idea is a good one and the device will surely find recognition.

Handsome relief maps were presented by J. A. Hill & Co., of New York, and attracted a great deal of attention.

SCHOOL DESK MANUFACTURERS.

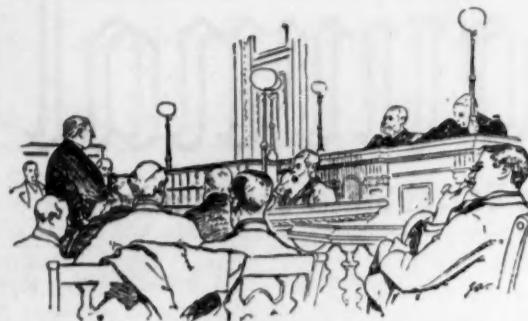
A large sign in plain letters indicated the location of the Chandler Adjustable Desk Co.'s exhibit. Mr. Hill was in charge. This genial gentleman made a great many friends and converted many of

(Continued on Page 2.)



S. SHERIN,

Sec'y Local Executive Committee, Asbury Park, N.J.



LEGAL.

FOR AND AGAINST BOARDS OF EDUCATION.

Judge Lillibridge, of Detroit, denied the application of Chandler & Goddard for a mandamus to compel the board of education to award the contract for the construction of the central high school to them as the lowest bidders, and dismissed their bill. This is a decision of importance to all city boards, as only the common council is compelled by statutory provisions to award contracts to lowest bidders.

The supreme court at Omaha decided that the board of education cannot dictate to the city council as to how money shall be raised for school purposes, but that they can demand so much money and the council must give it.

Judge Glenn, of Moline, Ill., supplemented his statement on the school tax injunction case of the Moline Central railway vs. John Giles by saying that school taxes collected were trust funds and must be applied to the purposes for which they were authorized to be levied. That the law recognized two tax funds for school purposes, one called the school or educational fund, the other called the building fund. That these funds must be kept separate, and that one cannot be applied to or used for the other. That money raised for building purposes cannot be applied to general school purposes, and money raised for general school purposes cannot be applied to building purposes.

At Columbus, Neb., Judge Marshall dissolved the injunction restraining the board from employing a superintendent for the city schools for the ensuing year. The case will be appealed to the supreme court.

Redlands, Cal. The supreme court recently decided that the high school law of 1891 was unconstitutional in so far as it gave to the superintendent of schools, an executive officer, power to levy taxes for school purposes, the constitution providing that such taxes must be levied by a legislative body. In 1893 the law was amended, transferring the power to levy taxes to the trustees of each high school district, and Messrs. Goodcell and Rolfe hold that the trustees are legislative officers and that the levies for last year, made in conformity to the amendment of 1893, are constitutional, and the decision of the supreme court does not affect the high school law as it now exists.

The superintendent of public instruction, of Illinois, stated that women may not vote for a state or county superintendent of schools, but may vote for all other elective school officers.

The supreme court at Indianapolis rendered a decision against County superintendent F. J. Young in his suit against Olive F. Morgan, and others of Fort Wayne. County Superintendent Young held that the report of the school enumeration of the city was padded and not correct. The court holds that the county superintendent is merely a statutory officer without judicial power, and his duties are ministerial only.

Justice Martin, of Haughville, Ind., protested that town boards have no power to attempt to regulate the affairs of a school board.

At New York City the board of education referred the order of Judge Andrews, demanding them to repay Miss Annie M. Hoffman, a fine of \$70.83, imposed upon her in 1885, to the Committee on Finance, which means prompt payment of the fine and interest for nine years.

AT ASBURY PARK.

(Continued from Page 1)

the school people to the adjustable feature in a school seat. Several handsome desks were displayed and were examined by many.

The New Jersey School and Church Furniture Co. also had a fine display. They have recently brought out some adjustable school desks and seats which embrace new features. Mr. L. H. McKee, the manager of the Company, was present for a day. He is a bright and active man. He was represented by W. L. Heineken, A. M., of South Amboy, N. J., and Col. Hall. A new device for school use was also exhibited by the N. J. School-Church Furniture Co., which gathered a number of educators to examine it. It is a so-called Educational Leaf Cabinet in which can be mounted for preservation and use, specimens of pen work, drawing, paintings, kindergarten work, needle work, maps, charts, etc. It almost seems after an examination of the same that it ought to go into every school room. Its utility is beyond question.

KINDERGARTEN SUPPLIES.

The Milton Bradley Co. had the only kindergarten display. It was delightful. Any teacher of that branch of study would have exulted over the many pretty articles which covered the tables. Mr. Blake was in charge and succeeded in sending teachers away pleased with what he had shown them and told them. His thorough knowledge of the kindergarten subject educationally, together with his familiarity in the practical detail of kindergarten supplies, made him interesting to teachers. We also had the pleasure of meeting for the first time Mr. Milton Bradley himself, whose name is a familiar one throughout the United States wherever the great kindergarten work is going on. We found him a man slightly beyond middle age, of modest demeanor, a type of the New England gentleman of the older school, whose sterling qualities are his leading characteristics. He is thoroughly devoted to the great work in which he is engaged.

THE NEXT MEETING.

The contest of cities to obtain next year's meeting of the N. E. A. was spirited but without definite results. On a vote taken by the executive committee the favorite cities came in their order as follows: Denver, Col., Duluth, Minn., Seattle, Wash., Louisville, Ky., St. Louis, Mo., and Dallas, Tex. The matter will have to be decided finally by the executive committee.

NEW RULES AND REGULATIONS.

The board of education at Flint, Mich., adopted a resolution providing that there should not be employed in the schools, as a teacher or janitor, the father or mother, brother or sister, son or daughter, of any member of the board of trustees, or nephew or niece or any person bearing such relationship to the wife of any member of the board of trustees.

The board of education at Oroville, Cal., adopted rules to the effect that each teacher employed in the schools, shall be in his or her school-room at least fifteen minutes before the school opens in the forenoon and remain there until the school closes for the day. At recess and noon time the teachers to look after the scholars while on the school ground and immediate vicinity thereof. A violation of this rule will render null and void each contract of employment made with any teacher, and all contracts made with teachers by the trustees are made with reference to this rule, and it shall be a part of the contract. The Principal of the school is directed to note and report to the trustees any violation of this rule. The janitor will not admit scholars to the school grounds before 8:30 o'clock in the morning, except when stormy; nor will pupils be allowed on the school ground after school closes for the day, nor on Sundays and other days when there is no school. All teachers employed in the schools are hereby prohibited from receiving presents from

their pupils while under employment by this district.

The Chelsea, Mass., school board, adopted a rule requiring every person who becomes a teacher to have completed a high and normal school course of instruction, or its equivalent, and to present a certificate of scholarship and character.

The board of education at Marshall, Mich., unanimously adopted rules to the effect that "no student will be graduated without completing at least one full year's work, consisting of four studies for two half years." Another reads: "A student of any grade who fails to pass in more than one study will not be considered a member of the next higher grade. Such students may, however, be allowed to take enough studies of the next grade to fill up his quota of studies."

The La Crosse, Wis., board of education have under consideration a rule to the effect that the principal of any school shall have power to suspend a pupil and must notify the parents of the child at once. If the parents do not satisfactorily arrange the matter with the principal within forty-eight hours he shall notify the superintendent. And also the thermometers in the school rooms shall be inspected by the teachers at least twice in the forenoon and twice in the afternoon of each day, and kept as near seventy degrees Fahrenheit as possible.

At Denver, Col., there is a provision in the kindergarten law to the effect that "teachers of kindergarten schools shall have a diploma from some reputable kindergarten teachers' institute, or pass such examination on kindergarten work as the kindergarten department of the State Normal school may direct."

The board of education of Springfield, Ill., passed a resolution providing that only one member of a family shall be employed as teacher in a school and that married women be not employed. This matter was argued at length and some members tried to get the measure into effect immediately.

The board of education of Racine, Wis., unanimously adopted a resolution to the effect that there shall be granted two classes of certificates to pupils who shall have completed the work of the Eighth Grade as prescribed in the Course of Study; namely, "Class A" and "Class B," of which Class A shall entitle the holder to admission to the high school while Class B shall not.

The News suggests that the Goshen, Indiana, board of education adopt a rule requiring the school fund to be placed in the local bank, offering the highest rate of interest.

The Memphis, Tenn., board of education adopted a rule prohibiting teachers from giving private lessons for pay to the pupils of their own classes during any part of the school term.

The Committee on Rules and Regulations at Boston, suggest that section 163 read to the effect that the superintendent "shall be the executive head of the department of instruction over all supervisors, principals and other instructors."



An Interesting Argument.

Mrs. Stolzenheimer: Ach, Himmel, Mr. Superintendent, my Jakey vas a schmart boy. Shust tink of it, last night he vas argin mit his fadder about big vords.

School Superintendent: What position did he take?

Mrs. Stolzenheimer: His last position vas accross his fadder's knee mit his face down.

SCHOOL BOARDS.

MODES OF ORGANIZATION, THEIR WORK AND TENDENCIES.

Address delivered by Chas. E. Gorton, Supt. Schools Yonkers, N. Y., before the National Educational Association.

The administration of the affairs of public or common schools has from the earliest history of this country been entrusted to school trustees or boards of education. They have been the executive officers chosen in different places by almost every conceivable method, and varying in numbers to-day, even in cities, from one to forty-five. The mode of selection of these officers has been described as simply chaotic, and the problem "how should a board of education be chosen?" is still unsolved.

The opinion of all good citizens is that the cause of public education should be free from religious and sectarian alliances, as well as from the corrupt influences which blacken the records of all great political parties, wherein offices are bestowed as rewards for party services, and without regard to personal fitness or intellectual qualifications.

Almost every board of education in this country is selected by one of the following methods: election by the ballots of qualified voters; appointment by mayors or other officers charged by statute with that specific duty. Under the former, candidates are elected on a general ticket voted by all qualified voters. This is the method almost universally in practice in country and union school districts, or they are elected by wards.

To avoid the dangers incident to a partisan board schemes have been devised for the election of non-partisan boards, that is, an equal division of membership between the two dominant political parties. Thus the political idea is introduced at the very inception of the board, and in some notorious cases the most bitter and uncompromising partisanship has resulted. The non-partisan board of a large city has been known to remain unorganized for six months while a fight for spoils was going on between the two partisan factions of which it was composed. In other cities, of which Kansas City may, perhaps, afford a favorable illustration, this plan is reported to work exceedingly well.

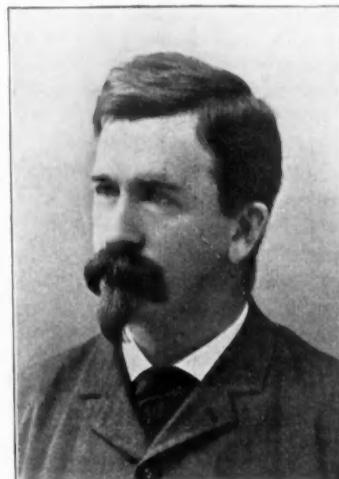
Whether the board is supposed to be non-partisan or otherwise, I am convinced that an election on a general ticket is preferable to that from wards or districts. If a school trustee is elected from a single ward there is greater danger that the ward boss will dictate the nomination and influence the election. It is not so easy to carry a whole city for a thoroughly bad man, or set of men, at a special election of school officers.

School boards that are appointed are almost invariably satisfactory. When the responsibility of selecting local officials to administer public trusts is lodged with one man, he must be both bad and bold if he fails to make good selections. In cities where elective boards have been changed to appointive, I believe the result has always been an improvement in the personal character of the incumbents.

Most fortunately, the common schools have always been dear to the people, and though the methods of selecting their administrative officers may be crude and unsettled, these officers have been among the best men of their communities. The school trustee in the little country district among the hills of New England, or on the western prairie, is chosen because he is respected and trusted by his neighbors.

The members of school boards in cities and union school districts are of the best professional and business men available. There is no other class of public officials approaching them in moral and intellectual worth. I do not cite a single illustration to support these facts. They are peculiarly within our knowledge as teachers, and are known as well by the whole country.

Of course, there are exceptions to these general statements, but in a period when malfeasance in office are too frequent in large cities, the school boards with very rare exceptions, are unsuspect-



CHARLES E. GORTON,
Supt. Schools, Yonkers, N. Y.

ed and unsullied. They render arduous services gratuitously, and, as a rule, labor earnestly to promote the interests of the schools under their control.

They are, moreover, steadfast friends of their teachers, and frequently overestimate their worth and the quality of their schools. Hence it follows, as the board may lead public opinion, that each of many localities is confident that it has the best schools in the world.

When they fail to secure good results, the fault is usually not theirs, but ours. Few of them have special knowledge of school work or school methods, and this is not so serious a defect if they possess executive ability and integrity, for then they will know their duties and limitations, and will entrust to other matters that are purely professional.

The question of the number of members the ideal board should contain is quite unanswered. It is a fortunate circumstance that most communities as well as most teachers enjoy a complacent satisfaction with their school boards, and whether a board consists of one member, or 3, 6, 9 or 45 members its constituency is likely to believe that is the exact number best suited to effective action.

It seems to me that the dangers of incapacity and demagogery of trading and trickery, which are urged as incident to large boards, apply to boards, however small, with equal force, and further that in small boards there is more danger of such elements securing controlling influence. A large board of twelve members, for instance, will almost certainly contain members of irreproachable character and high qualifications, who will be likely to control and guide the body in the right direction.

Our hopes always lie with these members whether the board be large or small, who, with pure disinterested motives, with no axes to grind, and no personal debts to pay, are zealous for the welfare of the schools alone, and who will guard them from political and sectarian influence. If the board of a large city be small it is likely to be overworked and to fail to sustain its interest. In a large board the work may be divided among committees so that each man will be assigned agreeable duties, and the working of all will be harmonious and not burdensome, for we must remember that we are speaking of busy, practical men, giving wholly gratuitous service.

The usefulness of a member of the school board may be pretty accurately gauged by the period of his experience. Time is necessary for any new man to become familiar with the workings of a legislative body. A school combines the three recognized functions, legislative, executive and judicial, and is called upon to act in three capacities.

In its legislative capacity it considers the question of appropriations, new buildings or improvements, rules for the government of schools and those of kindred nature. In many states broad powers are given school boards in this capacity,

By the general law of New York the decision on the amount of money to be raised by local taxation for teachers' wages is final and cannot be modified or reduced by any authority whatever. In many places they have equal authority to appropriate money for new buildings and improvements, but the latter is more usually lodged with the voters of districts, and the mayor and aldermen of cities.

In its executive capacity, either as a body or through committees, it transacts all ordinary business. Judicially it hears and determines questions concerning its administrative officers and teachers in their special work, and in their relation to the public.

The board of education ought to appoint teachers' and I do not believe the appointing power can be safely lodged elsewhere; but its appointing power should be strictly limited to names brought before it and recommended by administrative officers chosen for the purpose. In union school districts the board will, of course, select a principal and he should be held responsible for the success of his school. But how can he be considered responsible if he has no voice in selecting a corps of teachers? He should be allowed and required to bring forward names and to recommend appointments for every subordinate position.

The successful working of the board whether large or small, will depend largely on the President who makes the committees, and in one way or another shapes its policy. Here again our experience corroborates the assertion that throughout the country the best equipped man in the board is usually its president.

I do not believe there is a state in the union where the enforcement of the statutes will secure and maintain efficient schools without strong local interest and effort. With existing social and political conditions our schools can flourish only in the sunshine of popular approval.

Each individual of a large board is another root cast in the soil of public favor, to nourish the tree and to stay it from overthrow by hostile gales. The efficiency of a board is increased by the permanency of its membership. The civil service reform association, under the leadership of that pure-minded, able, and eloquent citizen, the late George William Curtis, labored for years to establish the principle that continuance in office should be based on meritorious service.

In cities equally large powers should be lodged with superintendents. Teaching is a profession, and the men and women at the head of affairs should have professional knowledge qualifying them to pass judgment on the fitness of their subordinates for their special work. Teachers were formerly licensed almost exclusively by local authority. The tendency now is toward examinations and license by the state, and so to exclude incompetence which was given position by favor.

(Conclusion next month.)



FRANK J. BARNARD,
Superintendent of Schools, Seattle, Wash.

TEXT BOOK ADOPTIONS.

Meadville, Pa., adopted Atwood's First and Second books in arithmetic.

The board of education of St. Louis, Mo., adopted a text book entitled "A School Manual of Government in the United States."

The Burlington, Ia., board of education adopted Boyer's Elementary Biology, costing 80 cents each.

Covington, Ky., adopted Thalheimer's General History instead of Barnes', and Tracy's Anatomy, Physiology and Hygiene instead of Steel's.

The Quincy, Ill., board of education adopted Meyer's General History and Genung's Outlines of Rhetoric for use in the high school.

Berlin, Wis. The Normal Review System of writing was adopted to take the place of the old Spencerian, subject to a special agreement made by Silver, Burdett & Co.

Quincy, Ill., adopted Harpers' Readers, Natural Speller, White's Arithmetic, Barnes' Geography, Reed & Kellogg's Grammar, Barnes' History, Spencerian Copy Books, the Pathfinder Series of Physiologies.

The Covington, Ky., board of education purchased four sets of Johnson's Encyclopedia at a cost of \$302.40.

The board of education of Adams County, Ill., adopted the following as uniform text books throughout the county: Harper's First, Second, Third, Fourth and Fifth Readers; Natural Speller, White's First Arithmetic, White's Complete Arithmetic, Ray's Arithmetic, Barnes' Elementary Geography, Complete Geography, United States History, Eggleston's American History, Reed's Language, Reed & Kellogg's Graded Lessons, Reed & Kellogg's Higher Lessons, Young People's Physiology, Steele's Hygienic, Spencerian Charter and School Course Penmanship.

Somerville, Mass., adopted Thomas' History.

Supt. Briggs, of Coldwater, Mich., recommended the purchase of eighty Primary United States History and forty-nine copies of Physiology. Adopted.

Kansas City, Mo. The Committee on Text Books and Course of instruction adopted Harper's Readers, Graves' Speller, The Number Book and Dolan's Drill Tables. Swinton's Introductory Geography was continued. The Grammar school series is replaced by the Electric Complete Geography. Conklin's Grammar and Composition, Eggleston's two histories, Webster's dictionaries and Cooley's Elements of Natural Philosophy also remain. Conklin's Language Lessons replaces Swinton's and Loomis' five books of Music, White's Course of Art Instruction and the Spencerian Copy books were continued. Bailey's Mental Arithmetic replaces Dean's Pathfinder's Physiologies. Betz's System of Free Gymnastics was discontinued. Wentworth's Algebra was replaced by Mills'; the Wentworth's Geometry and Trigonometry was continued as also Young's Elementary Astronomy. Other High School books continued or adopted are Robinson's High Arithmetic, Jones' Latin Lessons and Latin Prose, Goodwin's Greek Grammar, White's First Greek Lessons; Berlitz's Method of Teaching German with Spahnolt's Grammar; Avery's Natural Philosophy, Sheppard's Inorganic Chemistry; Jackman's Outline of Botany, How Plants Grow (Gray); Cotton's Practical Zoology and Holden's Elements; Le Cente's Compend of Geology; Martin's Human Body; Shaw's New History of English Literature; Mowry's Elements of Civil Government for the D's, and McCleary's studies in Civics for the Normal; Barnes' two histories, Seavey's Goodrich U. S. History; Eclectic Physical Geography; Patterson's Advanced Grammar and Rhetoric; Harper & Golman's Caesar; Raymond's Orator's Manual; Chute's Physics; Allen & Greenough's Latin Grammar. Subsidiary books adopted for the High School are Goodwin's Anabasis, Johnson's Iliad, Harper & Miller's Virgil, Kelso's Cicero, American Book Company's series of English Classics, Prof. Carhart's Work on Surveying, Tilden's Commercial Geography.

TEXT BOOK NEWS.

Indianapolis, Buffalo and Milwaukee are considering changes in Music.

The transfer of the White System of Art Instruction by the American Book Co. to the Prang educational Co., has been announced. Mr. Ricketts, of the American Book Co., will hereafter work in the interest of the Prang company.

Sheldon & Co., announce that they are about to issue an entirely new language series.

Among the six books recommended by Professor McChesney, to the Oakland, Cal., school board for use in the high school were two, "From Milton to Tennyson," by Professor Syle, and "Orations and Arguments," by Professor Bradley. The books were rejected as the authors are in the employ of the board.

The following firms put in bids for furnishing books to the South Denver, Colo., schools: E. Besley, of Denver, American Book company, of Chicago, Maynard, Merrill & Co., of New York, and Ginn & Co., D. C. Heath & Co., Biglow, Main & Co., and the Prang Educational Co., all of Chicago. The first two named firms were the fortunate bidders.

The Alameda, Cal., school board decided to go out of the school book business. They have hitherto sold the books of the State series, but now the bookstores are supplied.

The San Francisco board of education discontinued the handling of the State school books.

The text books now in use in the University of Idaho are as follows: Arithmetic, White's Complete; Algebra, Milne's High School; Book-Keeping, Bryant & Stratton's High School; Caesar, Harper & Tolman; Geometry, Wentworth; Geography, Barnes; Physical Geography, Houston; Latin Lessons, Tuell & Fowler; U. S. History, Barnes; History, General, Barnes; Grammar, Maxwell; Physiology, Tracey; Literature, Selections; Shakespeare, American Book Co.; Rhetoric, Keeler & Davis; Mental Arithmetic, Stoddard; Sketch Book, American Book Company; Word Analysis, Kennedy's What Words Say.

The Kansas City, Mo., school board decided to make no changes in the text books now in use.

The Indiana State Board of Education closed a contract with the Indiana School Book Company, for a five years' supply.

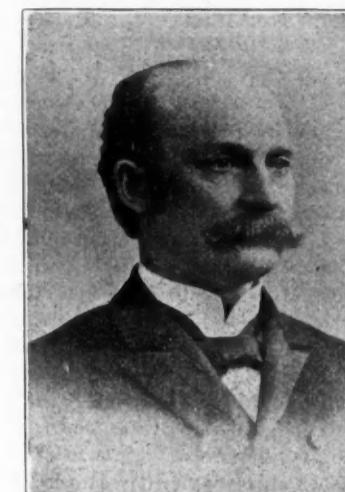
The directors of school districts in Iowa are authorized to use any unexpended contingent fund in the purchase of necessary books for indigent pupils when they are likely to be deprived of the proper benefits of the school unless aided by the district. The school book law is amended so as to permit the placing of the books with any persons within the county who may be selected by the board to sell them. It is required that these persons shall give bond. Under the law at present the book must be deposited within the district and no bond is required. Hereafter, any town or village having not less than 100 inhabitants may constitute a separate school district. Heretofore the requirements has been 200 population.

The New York board of education received communications from the following firms to add to the list of books: Lee & Shepard, D. C. Heath & Co., Longmans, Green & Co., Ginn & Co., J. M. Sloan, London, Shorthand, F. Rutherford, Gregg's Shorthand, Silver, Burdett & Co., Narangasett Machine Co., relative to gymnastic apparatus, James Munson, phonography, N. P. Heffley, Pitman System of Phonography, J. A. Hill, maps. Referred to Committee on Course of Study and School Books.

FREE TEXT BOOK NEWS.

A movement is on foot in Cook County, Ill., looking towards the introduction of the free school book system in that county.

In the Forrest school district, near Northfield, Minn., bitter strife holds sway on account of the board of education endeavoring to force the free text book system upon the people who at a special election defeated that measure.



F. MARION WOODS,
Manager Educational Aid Association, Chicago, Ill.

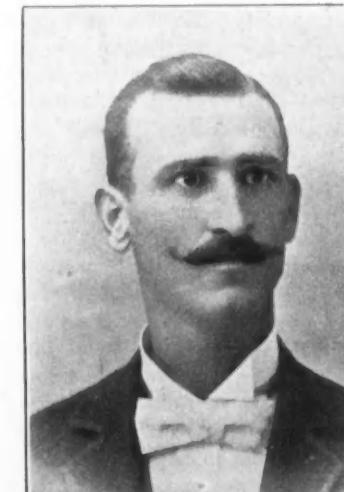
This picture will remind many in the west of one who a few years since made Institutes the "Fiery Furnace of Educational Enthusiasm." The "Arithmetical Contractionists." The author of "Lightning Calculator" and many series of illustrated arithmetical charts.

All of his educational works present practical preparation of the pupil for earning a living and an incentive to higher education. He insists that the people have a right to demand from the schools they are compelled to support, such knowledge as daily life demands of them. His last work was on the "Complete Practical Encyclopedia of Modern School Methods" charts. These charts are said to be philosophical in arrangement, natural and progressive in development, and practical in application. Applying to all studies in the public schools; with map drawing instrument and blackboard.

Agents report a business boom on this work. It is published by the Educational Aid Association, S. W. Cor. Adams and Clark Sts., Chicago.

We desire to call especial attention to the notice of the Council for Mothers given on the first page of this number. This convocation will be held Sept. 25, 26 and 27. It promises to be a notable gathering of mothers and many others interested in the study of Child Nature, and who wish to know what the kindergarten will do for the child, and what an understanding of its principles will do for the mother and educator.

Surely we are in the dawn of a better day and may at last hope to attain more nearly to ideal education when parents and teachers are willing to work together for the better understanding and development of the children. Such a meeting as the one to be held will be far-reaching in its results. Already different cities, from widely separated portions of the country, are preparing to send delegations. Special rates for board have been secured, and it is expected that reduced railroad are will also be given.



F. J. NETHERTON,
Territorial Superintendent of Public Instruction for Arizona.

TEACHERS' SALARIES.

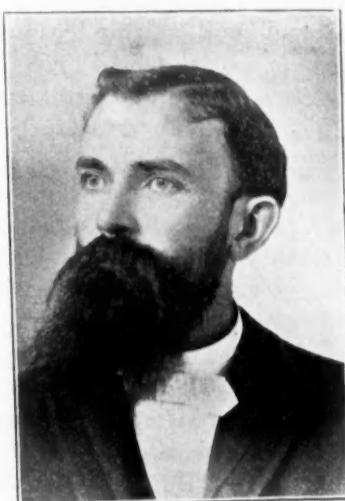
AN INTERESTING COLLECTION OF FACTS
ON THE SUBJECT.

In our last issue we published an article by Jas. A. Barr, superintendent of schools of Stockton, Cal., in which the question of salaries was ably and thoroughly considered. In continuation of this interesting subject we give the following paragraphs and a table of figures:

Rochester, N. Y. Primary and grammar grade teachers are paid at the rate of \$250 per annum for the first five months; \$300 per annum for the next five months; second year, \$350; third and fourth years, \$400; after the fourth year, \$450, the maximum.

Syracuse, N. Y. Male teachers in high school start at \$1,000; salary increased \$100 per year until maximum, \$1,500, is reached. Female teachers in high school start at \$550; salary increased \$50 per year until maximum, \$800, is reached. All teachers outside of high school start with an annual salary of \$300, with yearly increase of \$50 until maximum, \$550, is reached.

Utica, N. Y. The new rules which now govern the salaries of about one hundred ten assistant teachers are as follows: Minimum salary (except for substitutes,) \$350. Annual increase \$50 until the maximum salary is reached. Maximum salary \$450. Experience elsewhere in graded schools



JAMES A. BARR,
City Supt. Schools, Stockton, Cal.

shall count the same as if had in the Utica schools. Experience in ungraded and evening schools, in the practice teaching of normal or training schools or in substitute teaching shall not count in raising salary.

Jersey City, N. J. Primary and grammar grade teachers with less than 2 years' experience, \$400 per annum; 2 years' and less than 5 years' experi-

ence, \$450; 5 and less than 12 years' experience \$576; maximum after 12 years' experience, \$650.

Huntington, W. Va. Inexperienced teachers are paid \$240 the first year; experienced teachers, \$280. The second year they are paid from \$300 to \$350. Thereafter teachers rated medium are paid in all cases the same as the preceding year; those rated good are paid \$340 per annum; very good, \$360; excellent, \$400.

Cincinnati, Ohio. The salaries of teachers shall be regulated by the number of years of successful experience of such teachers in the same or equivalent positions in the common schools of the district, counting the first year at the lowest salary named and adding the annual increase for each year's experience; provided, that no experience of less than half a year of continuous teaching shall be counted, and provided, that all teachers to be hereafter appointed shall begin with the lowest rate of salary.

Indianapolis, Ind. The salaries of teachers shall be modified according to experience, as follows: Five months in practice school, \$175; first year thereafter, \$400; second year thereafter, \$450; third year thereafter, \$500; fourth year thereafter, \$550; fifth year and thereafter, maximum salary of grade; provided, that no teacher shall receive a higher salary than that fixed as the maximum salary of the grade taught.

Minneapolis, Minn. Grade teachers, first year, \$400; annual increase, \$50; maximum in grades one to seven, \$700; in grade eight, \$800.

SALARIES PAID TO SUPERINTENDENTS, PRINCIPALS AND TEACHERS. PER CAPITA COST, ETC.

CITIES.	ANNUAL SALARIES.	ENROLLMENT, ATTENDANCE, ETC.		FINANCIAL.		Cost per Capita based on average daily attendance	For all Purposes.
		Total Cost of Supervising and Teaching.	Total Cost of Incidentally.	Total Cost of Maintaining the Schools.	For Incidents.		
	Average Daily Attendance.	Average No. Pupils to each Daily Attendance.	Total Number of Regular School Rooms.	Total Number of Teachers Employed.	Total Cost of Incidentally.	Total Cost of Maintaining the Schools.	For Supervising and Teaching.
	Average Daily Attendance.	Average Daily Attendance.	Total Number of Regular School Rooms.	Total Number of Teachers Employed.	Total Cost of Incidentally.	Total Cost of Maintaining the Schools.	For Supervising and Teaching.
	Average Number Enrollment—Original entries.	Average Number Enrollment—Original entries.	Average Daily Attendance.				
	School Population.						
	Average Cost per Room for Janitors' Services.						
	Average Salary Paid Special Teachers.						
	Max'm Salary paid Primary & Gram. School Teachers.	Max'm Salary paid Primary & Gram. School Teachers.	Max'm Salary paid Primary & Gram. School Teachers.	Max'm Salary paid Primary & Gram. School Teachers.	Max'm Salary paid Primary & Gram. School Teachers.	Max'm Salary paid Primary & Gram. School Teachers.	Max'm Salary paid Primary & Gram. School Teachers.
	Min'in Salary paid Primary & Gram. School Teachers.	Min'in Salary paid Primary & Gram. School Teachers.	Min'in Salary paid Primary & Gram. School Teachers.	Min'in Salary paid Primary & Gram. School Teachers.	Min'in Salary paid Primary & Gram. School Teachers.	Min'in Salary paid Primary & Gram. School Teachers.	Min'in Salary paid Primary & Gram. School Teachers.
	Average Salary of Assistants in High School.						
	Vice-Principal of High School.						
	Principal of High School.						
	Secretary.						
	Estimated Population January 1, 1894.						
NORTH ATLANTIC DIVISION.							
Maine—Portland	40,000	\$2,250	\$2,000	\$1,250	\$680	\$76,388	\$24,672
Lewiston	22,668	1,700	1,700	1,000	600	345	475
Bangor	20,000	1,900	2,000	700	500	396	436
New Hampshire—Concord	17,004	2,000	2,250	755	400	350	550
Dover	13,000	1,800	\$100	1,800	900	252	444
Massachusetts—Boston	448,447	4,200	2,880	3,780	756-1380	456	816
Worcester	90,000	3,500	1,400	3,000	2,300	600	1104
Lowell	87,000	3,000	1,600	2,500	1,500	600	900
Cambridge	80,000	3,000	1,700	3,000	2,000	500	1050
Lynn	65,000	2,500	1,000	2,500	1,400	600	900
New Bedford	50,000	2,750	1,100	2,750	1,600	650	900
Somerville	50,000	2,500	600	2,400	2,000	800	675-1000
Holyoke	40,865	2,550	420	2,200	1,200	792	600-850
Chelsea	30,000	2,400	600	2,400	1,500	700-750	900
Haverhill	30,000	2,000	360	2,000	1,300	550-1000	600-1400
Brockton	30,000	2,200	300	2,000	1,500	600-900	425
Malden	30,000	2,500	200	2,200	1,800	500-800	675-1500
Pittsburg	23,000	2,700	2,400	1,400	600	400-1200	750
Waltham	18,550	2,000	390	2,000	900	800	600-1800
Quincy	18,000	2,300	1,900	900	500	400	750
Everett	17,000	1,800	200	1,700	1,200	600	1,300
Northampton	16,500	1,800	300	1,650	1,200	575	418-456
Chicopee	16,500	1,800	1,800	700	420-450	320	650
Woburn	14,000	2,000	1,800	1,000	700	500-1300	300
Medford	14,000	2,000	300	2,500	1,400	700	525-1500
Brookline	14,000	3,500	450	3,000	1,800	870	850-1800
Beverly	13,113	1,600	1,500	700	675	320	550
Clinton	12,000	1,800	200	1,600	550	450-400	525
Weymouth	12,000	1,800	1,200	600	500-900	360	475
Hyde Park	11,000	150	2,000	1,000	600	1000-1400	400
Rhode Island—Providence	150,000	4,000	1,200	3,000	600-1900	650-675	350-375
Pawtucket	27,633	2,500	872	2,200	1,500	756	600-1300
Woonsocket	23,000	1,800	266	1,800	1,100	700	525-600
Lincoln	22,500	1,500	550	1,450	675	500-660	360
Newport	19,457	3,000	600	3,000	2,300	1000	520-1200
Connecticut—Bridgeport	58,243	2,500	600	2,300	1,300	870	575-750
Norwich	9,000	2,400				600-400	550-800
New York—Buffalo	300,000	5,000	2,500	1,700	1,000-1600	1000-1200	400-1337
Rochester	150,000	3,000	840	2,250	1,500	900	600-900
Syracuse	105,202	3,000	1,500	3,000	2,000	550-1500	650-950
Albany	97,500	3,000	1,000	3,000	2,500	850	1000-1350
Utica	51,000	2,800	360	2,300	1,100	863	500-600
Binghampton	38,000	2,500	2,000	1,100		450-850	650
Elmira	36,000	2,000	2,000	1,480-1100	250	480-875	800-1100
Auburn	27,000	2,000	2,000	1,600	755	500-750	2000-2500
Poughkeepsie	23,000	1,800	500	1,800	700	533	375-550
Schenectady	22,000	2,000	1,800	1,000	550-700	400-450	300-400
Jamestown	20,000	2,000	500	1,300	900	600	550-600
Watertown	18,000	1,800	1,800	400-900	400-600	300	600-500
Rome	14,000	2,000		1,400	500	500-1000	250
Middletown	13,000	2,000	200	1,300	700	475-500	300-350
Ithaca	13,000	2,400	1,500	1,200	660	450-650	280
Hornellsville	12,000	1,900	200	1,900	800	600-1000	290-320
Kingston	12,000	1,600	200	2,500	1,000	690	900-1100

No data.

(To be Continued in our next.)

THE AMERICAN
School Board Journal
 DEVOTED TO
 SCHOOL BOARDS, SCHOOL OFFICIALS, AND TEACHERS.

WM. GEO. BRUCE, - PUBLISHER AND PROPRIETOR.
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We are publishing the only Journal devoted exclusively to School Boards and executive officers. We furnish information on the doings of School Board committees, including important executive actions, best methods of heating and ventilation, text-books, with prices and adoptions, school law decisions, models of school buildings, statistics upon salaries, publish the engravings of leading school men, etc.; briefly, we keep School Boards and Teachers abreast with the time.

AT ASBURY PARK.

We went. We are back again—and feel better. Better mentally and physically. The best thoughts of great educators gave us new mental vigor, the ocean surf with its frolics made us young again.

But we met with disappointments. The great railway strike struck our fondest plans into shatters. The wife, babies canaries and dog were obliged to remain at home. Our private coach stood on a side track to take us all to Asbury Park. It is on the side track still. The polite railroad agent told us that he could give us no guarantee as to getting through the Chicago strike centre.

Our wife wept, our children howled, the canary screeched and the dog growled—but the horizon would not brighten.

We finally began the trip alone and soon apprehended that we were in a better position to describe the great railroad strike than the great educational meeting. But we finally reached our destination, wifeless, childless and dogless.

In another column we will tell you what we saw and from time to time serve our readers with the best we heard.

THE CURSE OF HOME COMPETITION.

It is the pride of every city and village to encourage home talent. Outside competition is looked upon frequently as being the height of pretension and effrontery. Whatever will go to retain local talent or local capital must, in the order of things, be considered a great help to a locality.

This idea obtains largely with school boards in the selection of teachers, school house plans, school furniture and supplies, building contracts, and only too often to the detriment of the city's best interests.

Local influence exerts itself upon the school board member or the city councilman, placing him at times in a most embarrassing position, and leaving him to choose between duty and expediency, between a courageous action for the right or

a cowardly act in the interest of temporary harmony and political preferment. The best interests of a school system must suffer in the end. A poor teacher is appointed because he or she has some powerful friends, a defective school house plan is adopted because the architect possesses a political pull. And so on.

We agree in a recognition of local talent and effort. There must be a "local pride." It prompts men to more exertion, opens the way for ambitious and deserving persons to a higher plane of usefulness, it stimulates better homes and handsomer mercantile and manufacturing structures, as well as finer public buildings. But this partiality to local effort should be manifested only when all other conditions are equal. The "Chinese wall" idea must not and can not prevail in any progressive community. Competition—healthy competition—reverts invariably to the best interests of all concerned.

MARRIED TEACHERS.

We have observed with considerable interest the discussions which have arisen from time to time in boards of education on the subject of married lady teachers.

The views which are advanced by the board members vary in many respects. In some quarters it is held that teachers who marry during the term of their appointment must resign, while others who have been in the service for some time should not be disturbed. Again it is held that iron-clad rules should be adopted which will bar out married lady teachers entirely.

Educators and school board members differ widely as to the disposition of this question. The former hold that fitness and ability alone should determine the eligibility for teaching; that the board has no right to inquire into the social or financial condition of an applicant further than may affect her character. It is also held that marriage does not unfit a woman for teaching and that it should not deprive her from the right to teach or to apply her talents as she may see fit.

School boards, as a rule, view the subject from a more practical standpoint. Whenever married teachers are barred out it is held that a woman who has an able-bodied husband to support her ought not to attempt to hold a position which will deprive some unmarried teacher the means of a livelihood. Every year a large number of young ladies graduate from Normal schools and colleges, many of whom have secured their education under heavy sacrifices, to engage in the profession of teaching. To retain married lady teachers in preference to these is held to be a great injustice. One bread winner for man and wife is held to be sufficient.

ENTERPRISE AND BRAINS.

The expressions of praise and admiration for the SCHOOL BOARD JOURNAL'S enterprise in producing such a handsome "N. E. A.

Souvenir" number were numerous and sincere. The large editions which had been sent to Asbury Park and other educational gatherings went like hot cakes. The demand was met in a most complete and satisfactory manner.

President Albert G. Lane, Dr. G. Stanley Hall, Thomas Stockwell, Dr. A. B. Poland, Frank Fitzpatrick, etc., expressed great satisfaction at the SCHOOL BOARD JOURNAL'S enterprise and effort in behalf of the National Educational Association.

SCHOOL BOARD NEWS.

The book dealers of Tiffin, O., petitioned to appoint them agents for the sale of the books purchased by the board, with the privilege of selling text books at 10 per cent. Referred to text book committee.

The following is the length of tenure of office of some of the Kansas City, Mo., board of education: E. L. Martin, 19 years; R. L. Yeager, 15 years; J. V. C. Karnes, 14 years; J. L. Norman, 7 years; L. K. Thacher, 4 years; J. M. Greenwood, superintendent of schools, 20 years; W. E. Benson, secretary of board, 14 years. Hon. E. L. Martin tendered his resignation which was finally accepted with sincere regret.

A. S. Trude, president of the Chicago School Board, intends to request Dr. Rice to substantiate his charges in which he freely criticises the ability of the teachers in the Chicago schools.

At Peru, Ill., the committee on teachers recommends that home talent be preferred to non-residents for positions as teachers.

At Elmsford, N. J., the board of trustees were restrained from erecting a public school on the ground that it will depreciate the value of property in the vicinity.

Judge Ewing, of Allegheny, Pa., ordered the insurance of attachments against the eighty-four members of the Allegheny school board for contempt of the court.

The Jersey City, N. J., board of education got tired of waiting for a cigarette-smoking school principal to die a natural death and unceremoniously discharged him.

Superintendent McClymonds, of Oakland, Cal., believes the writing of a text on the blackboard and expounding it is contrary to the state law.

The St. Joseph, Mo., board has established a precedent by going to a picnic in honor of the retiring members. All the members of the board, including the newly elected ones, and their wives and all of the teachers in the corps, were invited.

The board of education, of Liberty township, O., has resolved not to employ any married ladies hereafter.



SARAH B. COOPER,
 President of the International Kindergarten Union,
 San Francisco, Cal.

HEATING AND VENTILATING.

The new school at Oconto, Wis., will be heated by low pressure steam, and ventilated by direct and indirect ventilation. The heating is regulated by the Johnson electric system.

N. E. Melick, of Lancaster County, Neb., favors the McFadyen heating system for country schools.

The Hawley Down-Draft Furnace Co. addressed a proposition to the Chicago school board for a complete abatement of the smoke nuisance.

The Moline, Ill., board of education accepted the offer of the Chicago Electric Service Co. to equip the new high school with its apparatus for the automatic regulation of the temperature.

Rockford, Ill., adopted the plan of Schwab, Sercomb & Co., of Milwaukee, for heating and ventilating the new seventh ward school.

The Detroit School Board awarded the contract for heating a new school building to the Fuller & Warren Co. Inspector Parsons of the board said it had the best system.

Among the bidders at Syracuse, N. Y., were the J. L. Mott Iron Works, New York, the Fuller & Warren Co., the J. F. Pease Furnace Co., of Syracuse.

The I. D. Smead Co., having failed to enter into a contract with the Detroit board within ten days for furnishing heating and ventilating apparatus for a new 12-room school, the board declared the company's \$500 forfeited and instructed the secretary to advertise for new bids.

The Short-Conrad Co., of Cleveland, report that it has now sold nearly 1,000 Telethermometers, thus being now in schools in all parts of the United States.

The Chicago board of education decided that in future the only fuel employed for the use of school buildings throughout the city will be natural gas and hard coal.

The St. Louis Board Building Committee is involved in a boiler controversy. It has been decided to replace the hot air heating plants in six schools with the Sturtevant heating system.

The various suits in the Isaac D. Smead failure at Toledo have been temporarily adjusted. The receiver will conduct the business.

Schwab & Sercomb, of Milwaukee, Wis., the well known manufacturers of furnaces, have again demonstrated that their system for heating and ventilating schools is superior in every way to many others, as they have been awarded the contract for equipping the new First Ward school building, as well as the No. 8 building of the Seventh ward at Wausau, Wis.

A committee of the St. Joseph, Mo., board visited the Sioux City, Ia., high school building to inspect F. S. Allen's work. They were well pleased with that architect's ideas.

REGULATION OF HEATING.

In the construction of recent modern school buildings, it may be said to the credit of a great many school boards, that the subject of heat regulation has not been overlooked. The question of hygiene as well as that of economy are now so well understood that it would seem almost impossible that a wide awake board should, in providing school buildings, fail in the matter of heat regulation. Within the past few months the following new school buildings have been equipped with the Johnson System of Heat Regulation:

New High School, Menominee, Mich.; New School, Rock Island, Ill.; Augusta street school, Wolcott street school, Lincoln school, Woodlawn school, Chief Justice J. Marshall School, Hoffmann Ave. school, Henry street school, Washburn Ave. and Roby streets school, Chicago; High School, Moline, Ill.; North Street School, Wilkesbarre, Pa.; State Normal, Stevens Point; Fifth, Eighth, Tenth, Eleventh, Seventeenth Districts, Milwaukee; Sixth Ward, Madison, Wis.; New School, Braddock,

Pa.; Grace Church Lutheran School, Milwaukee; Third Street School, South Boston; New High School, Somerville, Mass.; Oakland School, Pittsburgh, Pa.; New High School, East Liverpool, O.; North Side School, Pittsburgh; Physics Building, State University, Lawrence, Ky.

PROPOSITION TO THE CHICAGO SCHOOL BOARD.

The following proposition submitted to the school board shows the confidence which the Hawley people have in their furnace:

We propose to furnish and attach complete Hawley down-draft furnaces to the steam boilers in ten (more or less) public school buildings in the city of Chicago for a price hereafter to be agreed upon. These furnaces to be paid for April 1, 1895, provided the following guarantees are fulfilled:

First—To consume 95 per cent. of the smoke, burning any grade of bituminous coal.

Second—To make steam for one-half the cost of doing it with hard coal.

Third—To make steam at 15 per cent. less than present cost with soft coal.

Fourth—To develop sufficient steam power to furnish all heating and power needed.

If, after a practical test from the beginning of cold weather of this year until April 1st, 1895, we fail to show the above results, we will remove the furnaces and replace ordinary setting free of cost to you, and remove the furnaces at such time as may be most convenient to you.

The Down-Draft Co. is a comparatively young one, although the idea of the furnace is old. Melville C. Hawley, after whom it is named, is the St. Louis mechanical engineer, who tinkered with the down-draft principle for fifteen years. About six years ago he convinced S. T. Bleyer that the idea was a good one. Mr. Bleyer and his brother shortly afterwards organized the company, and three years ago moved their headquarters from St. Louis to Chicago.

AT ASBURY PARK.

The following school book men were at Asbury Park during the meeting:

For Ginn & Co.: Geo. A. Plimpton, New York; Selim H. Hoyt, Boston; E. R. Smith, T. R. Wilcoxson, Chicago; Newton, Boston; Ralph L. Hayes, Thed. Pershing, Philadelphia; O. P. Conant, Samuel Walker, New York; C. R. Bill, Boston.

Sheldon & Co.: H. J. Danforth, New York; J. N. Hunt, Chicago.

The Werner Co.: W. J. Button, Ira T. Eaton, Chicago; J. M. Stradling, Philadelphia; Geo. Cooper, New York.

For Silver, Burdett & Co.: Robert Foresman, Hugh Foresman, N. D. Cram, Chicago; Mr. Sanborn of Boston; Mr. McCullough of Chicago.

Leach, Shewell & Sanborn: Mr. Blondell of Wisconsin.

Maynard, Merrill & Co.: P. B. Hulse, W. H. Gould.

G. & C. Merriam Co.: Maj. A. J. Cheney, Chicago; K. W. Washburn, Springfield, Mass.

The American Book Co.: Harry Wilson, Chicago; H. W. Louis, Jackson, Tenn.; Maj. A. W. Clancey, Chicago; J. A. Greene, Isaac van Houten, A. W. Rebaud, W. R. Glenn, New York; Geo. L. Holliday, Pittsburgh; Chas. W. Scott, Williamsport, Pa.; Jas. C. Ridge, Geo. Howard, Cincinnati; Dr. Harry Mitchell, Cleveland; Mr. Stearns of Cincinnati; Mr. Dorland of Kentucky; Wm. Linn, Philadelphia; Robert Arrowsmith, New York; Mr. Clark, of Boston; Mr. Walker, of Indiana.

Lee & Shepard: Frank M. Goss, Boston.

Christopher, Sower & Co.: Francis D. Curtis, Philadelphia.

Prang Educational Co.: John G. Clark, Boston; Thompson, Brown & Co.: Frank Smith, Boston; Geo. H. Royce, Chicago.

D. C. Heath & Co.: W. S. Smyth, Chicago; Mr. Ames and Mr. Heath, Boston.

University Publishing Co.: H. T. Dawson, New York.

Harper & Brothers: W. S. Russell, New York.

Scribner & Sons: H. D. Newson, of New York.

John E. Potter & Co.: J. M. Green, of Philadelphia.

D. Appleton & Co.: Alfred Horn, Chicago; Mr. Hayes, New York.

E. H. Butler & Co.: John I. Mathias, Mahonoy City, Pa.; Geo. M. Sayers, Philadelphia.

Houghton, Mifflin & Co.: Mr. Haley, of Boston.

AN ARCHITECT'S TRIUMPH.

To turn an old, ill-arranged building into a modern school house as shown in the engraving here-with is the achievement of Chas. Lesser, of the firm of Van Ryn & Lesser. The original school building contained ten class rooms in first and second floors and in the attic was located an exhibition hall. The new addition contains ten more rooms. Four on the first floor, four on the second and two on the third. The third is placed immediately over the old two story portion. By so doing the old exhibition hall is increased about twice its original size, thus also making the building uniform on the exterior. The building when completed will contain twenty class rooms and accommodate 1200 pupils. Teachers, principal, library and cloak rooms are provided. The size of the school is 230x97 ft. and will be the largest public school in Milwaukee. It was designed by Chas. Lesser of the firm of Van Ryn & Lesser, Architects, Room 36 and 37 Merrill Bldg., Milwaukee, Wis. The heating and ventilation of the building is furnished by the Herndon Mfg. Co. The boilers are 48 in. by 14 ft. fire box, tubular boilers and the heat conveyed to rooms through steam coils and indirect flues. The cost of the transformation is \$35,000.



EIGHTH WARD PUBLIC SCHOOL, MILWAUKEE, WIS., DESIGNED BY VAN RYN & LESSER, ARCHITECTS.

School Board Journal

SCHOOL SUPPLIES AND EQUIPMENTS.

The Cleveland school council awarded contract for artificial slate black board for one school house to W. A. Olmsted, at \$565.

The Tiffin, O., board purchased several "Incorporative" fire extinguishers for the schools.

Charts for primary language studies were purchased for all the schools by the Sugar Creek, Pa., board.

The Saginaw, Mich., board found it practicable to cut 400 double seats into single seats.

The three firms bidding on desks before the Berkeley, Cal., board, were the Pacific School Furniture Co., by Wm. L. Oge, Bancroft Bros. & Co., and C. F. Weber & Co., all of San Francisco.

Hunter & Davis presented to the Joliet, Ill., board their apparatus for extinguishing fires, known as the Stempel fire extinguishers, and offered to furnish them to the schools for \$150 per dozen.

The Cleveland, O., Paper Company were awarded the contract to furnish the Titusville, Pa., schools with writing paper, etc.

The Winona, Minn., board purchased several sets of Yaggy's Geographical charts.

The Hyatt school slate factory at Bangor, Pa., was destroyed by fire. The loss will reach \$80,000; insurance \$50,000. Three hundred workmen have been thrown out of employment.

The United States School Furniture Co. supplied the Salt Lake City board with new ink wells for 500 that were broken while in transit.

At Santa Rosa, Cal., the County decided to adopt Sullivan's practical school apparatus.

For estimates and samples of school stationery write the Smith & White Mfg. Co., Holyoke, Mass.

The state inspector of buildings ordered the Dayton, O., board to place fire escapes on school buildings, otherwise he will not allow the schools to open.

The Minneapolis, Minn., board will give birch flooring a trial in one of the new school houses.

The Cleveland board decided to purchase fire extinguishers for all the schools of the city from the Automatical Fire Extinguisher Company.

School officials during the past year have learned that a decided advantage can be gained in the matter of school stationery by getting estimates direct from the manufacturer. Firms, like the Smith & White Mfg. Co., of Holyoke, Mass., make a specialty of school papers and as such offer decided advantages. They have made a study of the school needs and meet them in a manner highly satisfactory to the school officials and tax payers.

The St. Louis board of education entered into contracts with following firms: Eagle Pencil Company, New York: 1000 gross boxes Eagle No. 170 steel pens @ 19 $\frac{1}{4}$ cts. per gross; 300 gross boxes Eagle Accommodation penholder No. 320 @ 21 cts. per gross; 500 gross Eagle school drawing lead pencils @ \$1.19 per gross. Woodward & Tiernan Printing Co.: 3,000 boxes Genuine German 5 inch plain pointed slate pencils @ 7 cts. per box, 100 each. Robt. D. Patterson Stationery Company: 1000 boxes Parmenter school crayon @ 3 $\frac{1}{4}$ cents per gross; 10 doz. imitation enamel paper files No. 10 @ 75 cts. per doz.; 10 doz. glass, 3 $\frac{1}{2}$ inch flat inkstands @ 69 cts. per doz.; 50 doz. mucilage (best quality) 4 oz. @ 50 cts. per doz.; 20 doz. thermometers 8 inch tube, tin frame, white back to tube, red mercury in tube, @ 83 cents per doz.; 10 reams blotting paper, 100 lbs. to the ream, 19x25 cut 7x4, put up in packages of 250 pieces each @ \$8.00 per ream; 6,000 manilla envelopes No. 10, 36s, high cut, @ 84 cts. per thousand; 50 cases Hyatt's peerless, noiseless slates 7x11 single, colored line ruling, @ \$12.00 per case; 450 gallons (best quality) writing fluid filled in gallon jugs (as furnished by the department) @ 42 cts. per gallon; 6 gross Andrews blackboard eraser @ \$6.00 per gross. Philip A. Meinberg & Sons: 500 reams flat writing paper in 14 lb. Cap and 30 lb. Royal sizes, ruled, special form and cut in $\frac{1}{2}$ and $\frac{1}{4}$ sheets @ 8 1-5 cts. per pound; for blocking $\frac{1}{2}$ c. per block; 30,000 manilla envelopes No. 6 $\frac{1}{2}$ 36s. high cut @ 53 cents

per thousand. Mekeel Printing Establishment: For the printing of 600 copies proceedings of the Board, (each and every meeting), per page, \$2.65; For galley proofs of matter to be inserted in the printed proceedings of the Board, to the number of 75 copies, less than one page of composition, per lot 70 cents; exceeding one page, per lot 95 cents; 250 Pay Roll Manuals (as per samples furnished), every five weeks, no extra charge for changes, paper covers, 50 copies to be interleaved, per issue, \$28.50; 50 Russia Leather portfolios for same, 75c. each.

SCHOOL SUPPLY FRAUDS.

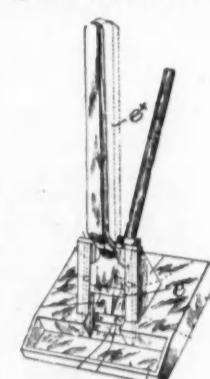
The school board in Scott township Fremont county, Ia., were "taken in" by confidence men recently. Two men, who claimed to represent the Chicago Apparatus and Chart company, called upon each member of the board and after exhibiting their goods asked the member to sign a call for a meeting of the board for the purpose of determining whether or not a purchase should be made. Five out of eight members signed the "call." It now appears that the supposed "call" was an absolute and unqualified order for \$380 worth of charts, and it looks as though the five directors had been victimized to the tune of \$76 each.

NEW ARTICLES.

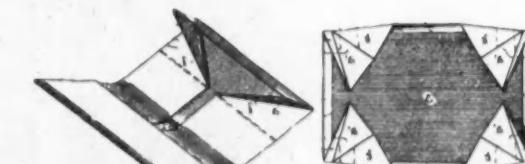
IN SCHOOL SUPPLIES. LAST MONTH'S INVENTIONS.

TELLURIAN. Grant B. Nichols, Wapakoneta, Ohio.

This inventor has produced a tellurian, comprising an inclined table provided with a series of vertically disposed apertures or recesses arranged in an ellipse, representing the path of the earth around the sun, and a ball representing the earth and having a vertically disposed projecting rod representing the earth's axes, the said rod being adapted to be inserted in one of the said apertures or recesses.



ADJUSTABLE LOCKING COVER FOR BOOKS. Michael W. Cummings and Thomas F. Jordan, Olyphant, Pennsylvania.



This book cover comprises in a body portion, side portions folded over thereon, the double triangular portions folded under the side portions at each end, the end portions folded over upon said body and side portions, and the triangular portions folded under the end portions and upon the side portions, the last named triangular portions, with the ends, and body portion, forming pockets to receive the permanent covers of a book.

BLACKBOARD-ERASER. Albert J. Creamer, Washington Court House, Ohio.



As a new article of manufacture, an eraser consisting of a body portion with parallel ribs or ridges, a transverse chamber at one end of the body portion and communicating with the spaces between the ribs or ridges, said chamber being formed with a discharge opening, and provided with a removable stopper.

COMBINED PENCIL-SHARPENER AND ERASER. Henry Fisher, Sacramento, Cal.



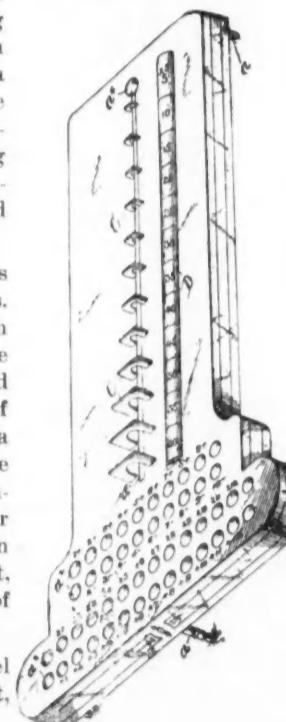
In a pencil sharpener, the shank having at its top an inclined groove lined with abrasive material, its base being coated with similar material, combined with the holder or guide having a circular bend covering the top of the shank, its sides and bent edges enveloping the said shank.

COMBINATION PENCIL-SHARPENER, GRINDER, PROTECTOR, AND ERASER. Richard B. Chambers, Chester, Pa., assignor to Crosby M. Black, same place.



The tube B, having the clamping guides A A, and a cutting knife D, inclined angularly toward the center of tube B, said tube having the openings F F on opposite sides and provided with the spring guards K K, the abrading sleeve G, and the beveled slot E, substantially as shown.

EDUCATIONAL APPLIANCE. Albertina Bechmann, Cincinnati, Ohio.



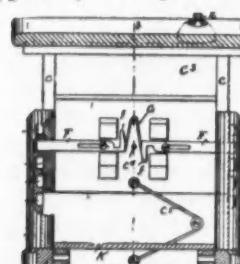
This unique invention consists of the combination of a stand, a series of balls each carrying a mathematical problem, a series of arches each adapted to engage the balls carrying the problems requiring the same answers, and an indicator adapted to register with the arches, and carrying a table of figures arranged to bring the results of the mathematical tables in series corresponding with the arches, specified.

SCHOOL DESK AND SEAT. Andreas J. Palmberg, Boston, Mass.

In a school desk or seat, the combination of standards notched on their inner sides, a vertically adjustable desk or seat provided

with uprights guided in said standards and having oppositely arranged sliding bolts provided upon their adjacent ends with hookshaped projections extending in opposite directions and adapted to be engaged by a forked key to retract said bolts, a spring arranged between the bolts and operating to force

said bolts outward into engagement with said notched standards, and a spring for raising said desk or seat.



A THRIFTY FIRM.

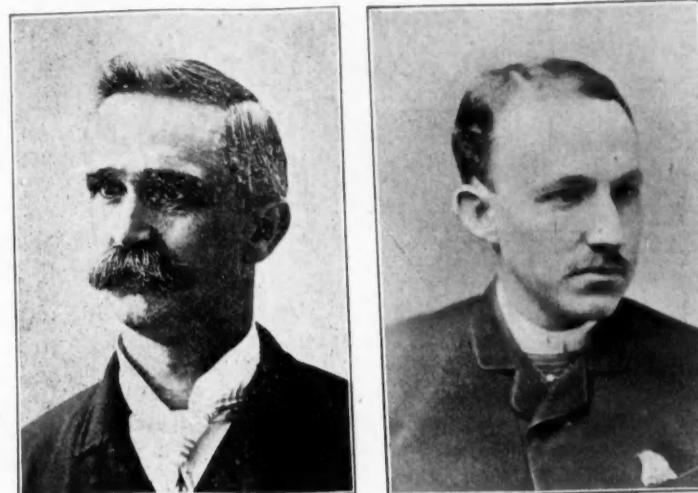
PUBLISHERS AND SCHOOL SUPPLY DEALERS.

The firm of Potter and Putnam, publishers and dealers in school supplies, New York, originated with the enterprising publisher, W. D. Kerr, about ten years ago. He was succeeded by Kerr & Potter, which firm was merged in the firm of Potter & Putnam. Mr. A. W. Potter was formerly an educator in Pennsylvania, Michigan, and Ohio, being instructor in mathematics in the University of Michigan for ten years, and superintendent of schools of Wilkes-Barre, Pa., seven years. Under his practical supervision the schools of Wilkes-Barre took front rank among the schools of this country.

W. H. Putnam was born in Central New York, spent several years teaching in his native county. While teaching in Otego, he spent the most of several years in a law office of an uncle, Hon. L. F. Bowe, one of the leading lawyers of New York state. He was afterwards elected to the professorship of Rhetoric in the Wyoming Seminary at Kingston, Pa. Here he remained seven years, building up a department of English which has since been a leading feature of this well-known school. He was for several years superintendent of schools of West Pittston, Pa., having in the meantime taken post graduate work to gain the degrees of M.A. and Ph.D.

Potter & Putnam publish a long list of miscellaneous books and aids for teachers. The Economic System of Penmanship, consisting of a three book series, upright slant and movable copies, The New Script Primer, issued about two years ago, proved to be one of the most successful books of the year; Atwood's Language Tablets; Supplementary Lessons in English; Stillwell's Progressive Series, are all popular in many states in the Union. They now have in press the New Phonic Primer and the Natural Drawing Series consisting of six books. Probably their most important publication is the New Script Chart, which was placed on the market last April. It is attracting attention on every hand in the educational world, and bids fair to have a wide sale. They are the New York agents for the Cleveland School Furniture Co., many of the finest buildings in the vicinity of New York having been fitted up by them. Mr. Potter is the inventor of the Potter Number and Kindergarten Table which is manufactured and sold by them. This firm has made rapid progress during the past two years, having gained the reputation of being honorable and fair in their dealings and at the same time aggressive workers.

The wide experience which these men have had in the actual work of the school room enables them to gauge their business by the actual needs of the children, and the result has been that they have given to the educational world several books which have been adopted from Maine to California. Their New Script Reading Chart, Natural Series in Drawing, New Phonic Primer, all bids fair to meet a responsive chord in the needs of the teachers. When men are so well adapted to the business of publishing, it is easy to trace the cause of their rapid advance to the front rank of the metropolitan publishing houses, and easy to understand why they are making success a reality.

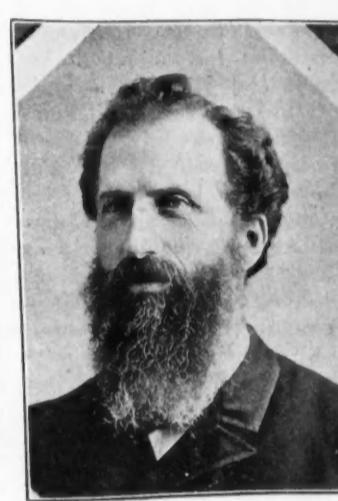


A. W. POTTER,
of Potter & Putnam, New York City.

M. H. PUTNAM,
of Potter & Putnam, New York City.



CHAS. A. GENUNG,
Gen. Agt. for Potter & Putnam.



A. J. WELLS,
Gen. Agt. for Potter & Putnam.



FRANK O. GREEN,
Agt. for Potter & Putnam, Madalin, N. Y.

Their agents in different parts of the country now number about fifty. Chas. A. Genung, for twenty years the successful principal of the White Plains, N. Y., schools, A. J. Wells, for many years principal of the Springfield, L. I., Schools, A. M. Mood, of New York city, H. M. Herrington, of Bridgeport, Conn., Frank O. Green, of Madalin, N. Y., are among their most popular representatives in the vicinity of New York.

SCHOOL FURNITURE.

The Franklin, Pa., board awarded the United States School Furniture Co. the contract to furnish 100 desks for the high school.

After a long contest the contract for furnishing desks to the Detroit schools for one year was awarded to the Haney School Furniture Co.

The Toledo board awarded the contract for furnishing furniture to the United States School Furniture Co., at Sidney, O.

The Sheldon, Ia., board awarded to the Manitowoc Seating Co. the contract to furnish school furniture and apparatus for the new school house.

The Andrews School Furnishing Co., of New York City, were awarded contracts to the following amounts: \$54.82, \$918.20, \$589.59 and \$942.00; The Consolidated Lehigh Slate Co., and Haney School Furniture Co., were awarded contracts to the amounts of \$458.00 and \$1828.69 respectively.

The following firms presented bids for supplying furniture to grammar schools Nos. 5, 21 and 30, New York City: Andrews School Furnishing Co. and Favorite Desk and Seating Co. for grammar school No. 25, Haney School Furniture Co., The Consolidated Lehigh Slate Co., Andrews School Furnishing Co., United States School Furniture Co., and the Favorite Desk and Seating Co.

Mrs. Parmele's book in the Evolution of Empire series, has been adopted by the Bay View, Mich.,

reading circle of the Epworth League Wm. Beverly Harison is the publisher.

The Hamilton, O., school board awarded the United States Furniture Co. the contract for supplying the Long Street building with seats.

The Grayling, Mich., school board awarded the Grand Rapids School Furniture Co. the contract for furniture in the new school building.

The Scranton, Pa., board awarded contracts for desks to the United States School Furniture Co., of Chicago, and the Haney School Furniture Co., of Grand Rapids, Mich.

At Evansville, Ind., bids for supplying desks were submitted by the following firms: United States School Furniture Co.; Piqua School Furniture Co.; Cleveland School Furniture Co.; and Wabash School Furniture Co. The last named firm was the lowest bidder and was awarded the contract.

The board of education of Madison, Wis., awarded the Piqua School Furniture Co. the contract for furnishing the desks for the new Sixth Ward school building.

The board of education at Attica, N. Y., bought the paragon seats from the Buffalo School Furniture Company to re-seat the academic department of the school building.

The Saginaw, Mich., school board purchased 400 new seats from the United States School Furniture Co. at Grand Rapids.

The Ironton, O., school board awarded a contract for 600 desks to the U. S. School Furniture Co.

NATURAL SLATE.

The quarries and works of the Consolidated Lehigh Slate Co., are located at Slatington, Pa. Mr. M. C. Hirsh is the general manager at this point. He directs the affairs with great energy and industry. The company's New York office is located at 154 and 156 South Fifth Avenue, where Mr. A. Lewisohn, chairman, and Philip Lewisohn, treasurer, may be found. Both are bright business men, conduct the large business with splendid judgment and tact. The "Perfect" natural slate so extensively used in school houses maintains its reputation. The company has won the confidence of the school public, and its demand for slate for school room as well as for roofing purposes, is steadily increasing.

INK FOR A SONG.

The Western School Ink Co., of Winchester, Ind., put up a combination package of ink powder sufficient to make one gallon of blue black ink and one pint Carmine ink which will be delivered free upon receipt of 50 cents.

The Play of the Planets, to which we called attention in our last issue, is a study in planetary law and vibratory influence of interest to all. The author has embodied in an attractive form a vast amount of information never before placed within the reach of the ordinary reader or scholar, and by following the rules which he has laid down, demonstrations of an extraordinary nature at once appear, and the relation that man bears to the great starry heavens is clearly revealed. We commend it to our readers for investigation.



THE NAMELESS ARGONAUT.

An old expense book, resurrected yesterday from the depths of a trunk in the attic, contains this unusual item of account:

"Burial expenses of N. A. \$7.00."

I hoped at the time that my house would raise some question about the item and thus give me an opportunity to explain just how it came about, but nothing was ever said, and for fear it might suggest a very effectual manner of disposing of an active opponent, I will relate the circumstances.

It was during a month's vacation at a little village on Lake Superior that I joined a fishing-party that had leased a steam tug and were going up on the north shore to have a good time for ten days. On that trip there came into my possession the self-written account of the life long experiences of one of the most successful book men this country has ever known, and who disappeared under the most peculiar circumstances in the vicinity of New York, shortly after the Centennial.

When I read these memoirs, as I often do, I am convinced that the man was nothing less than a hero. When I hear his character described by those who knew him in life the conclusion is that he was a hypocrite. It may be that he was a strange compound of both. In any event, there is so much of unusual interest and mystery in his life and in the record he has left, that I am tempted to follow the Sadhu's advice to the Hindu story-teller: "Cut it up as they do a cucumber and sell it in the market."

* * * *

We had a most enjoyable time for a week, fishing, jack hunting, and arranging boxing matches between sturdy Au Sable Indians, and were just beginning to think of the return home and feeling sorry that we could not stay longer, when some one proposed a visit to the lumber camp at Gloucester Point, fifteen miles down the bay.

The plan was well received and it was agreed to cast lots to decide who should remain in charge of the tug during the absence of the others. Accordingly, eight white gun-wads and one black one were placed in Gilder's hat and each man drew one. To my chagrin the black one, that meant forty-eight hours of solitude, fell to me, and it was with a feeling of melancholy that I watched the yawl boat push away. I think the boys understood something of my feelings, for just as they were disappearing around a wooded point about a hundred yards away, they suddenly ceased rowing and the last stanza of a popular Canadian burlesque came back to me across the water:

"We're sorry for Mister Bluebeard,
We're sorry to cause him pain;
But a terrible spree
There's sure to be
E'er we come back again."

Along towards sunset the wind began to blow in sudden, strong gusts that rushed through the tree tops like the advance guards of an army of cavalry about to sweep over the country, and as I looked at the rapidly roughening water and thought of the hands that would be blistered by the oars before the lumber camp was reached, I was rather glad that I had drawn the black talisman.

SCHOOL BOOK AGENTS
ROUND TABLE

I sat on the leeward side of the forecastle that evening, wonderfully impressed with the similarity of this country to northern Scotland, as I conceive it. Distance was annihilated and the rising and falling waters became the winds-truck depths of some mountain loch, while the distant howling of a wolf was clearly the melancholy communings of some shepherd collie as he watched over his timid flock amid the stony pastures of Caithness.

A slight splash near the bow of the tug interrupted my reveries and a moment later our Indian pugilist, whom the boys had facetiously dubbed Jem Mace, stood before me. In his broken English he made me understand that a white man was sick and wanted me. It was with serious misgivings that I locked the hatch-door and slid down a fender-strip into the frail canoe.

In a half hour we reached a little island near the center of the basin, and shortly after I stood inside a sort of cabin or hut built around a large elm tree. A few sticks were blazing in one corner, and as soon as my eyes could distinguish shadow from substance, I detected a low couch in one corner, and on approaching I found a man stretched at full length and apparently dead. His pulse still beat although there was no perceptible respiration. I motioned to the Indian to throw more wood on the fire and gave my attention to the dying man.

Under the influence of a stimulant he rallied and for an hour was wide awake and rational, but consumption had already drawn the last reserve of vital force and just before dawn he passed away so quietly that no one could say when the end came. It seemed more like some great ocean steamer drifting away from the dock so invisible was the transformation.

During his moments of consciousness he told me something of his place in life, and he also gave me a book in which he had recorded the events and experiences of a score of years work as the trusted representative of a great publishing house.

You may be sure all was done that time and circumstance allowed. The Indian and I rowed over to Gloucester on the return of my friends, and came back in the evening with a heavy cedar coffin made by the camp carpenter from unseasoned lumber, and the following day, just as the sun was setting, we laid him to rest on the highest point of the island.

Our hearts were touched with the deepest emotions as we followed through the simplest of all burial services, and as the last echo of Gilder's tenor came back in softened cadence from the cliff opposite:

"May such a blissful refuge be,"—
the moaning winds and the plaintive night bird took up the requiem, and the shadows fell.

THEIR WESTERN HOMES.

We present herewith an engraving of the large building occupied by the well-known publishing firms—Leach, Shewell & Sanborn, Thompson Brown & Co., and Albert, Scott & Co.

The many visitors entering the building are carried in an elevator from floor to floor and directed to the firm they desire to visit.

One of the floors is occupied by Leach, Shewell & Sanborn, whose publications are well known in the educational world. Mr. C. A. Sibley, a book man of more than ordinary skill and energy, is the manager. He occupies a modest office in the front part of the building. Huge piles of books and busy clerks indicate the thrift and enterprise of the firm. Mr. Sibley is a companionable, whole-souled fellow, popular with the school public, and a successful manager.

Thompson, Brown & Co.'s western office is also here. Geo. H. Royce, the western agent, is well known throughout his field, which he covers in person almost entirely. The branch was opened about a year ago, and is due to the growth of the firm's business in the great West. Mr. Royce is an unassuming man, who relies upon the merits of his books and his ability to present their educational value in a comprehensive manner. A vein of humor runs through his intercourse, which serves to add to his popularity and lighten the arduous work of the modern book man.

Albert, Scott & Co. is a strictly Western firm whose guiding spirit is Mr. E. H. Scott. He directs its affairs from an unpretentious desk—and does an enormous amount of work. Thoroughly literary in his tastes, himself an educator of high standing, together with a practical experience of dealing with men and affairs, makes him well equipped for his calling.

Coates Foresman of the Western office of Silver, Burdett & Co., is lying very ill at his home at Chicago.

Frank B. Ellis has quit the school book business and entered the profession of law with offices at Philadelphia.



WESTERN HOME OF THREE PUBLISHING FIRMS. WABASH AVE., CHICAGO, ILL.

BOOK REVIEWS.

By WM. H. BEACH.

BUSINESS LIFE IN ANCIENT ROME. By Chas I. Herbermann, Ph. D. Harper & Brothers.

A modest little book, probably written solely for recreation. From writings of the times the author has drawn a succession of scenes from the streets of busy old Rome. They seemed to have the same general kind of business men that we have to-day—defaulters, tricksters in every art, possibly without some of the modern refined methods. Caesar had many creditors, whose only hope of getting their pay was in electing him to public office. There were "corners" in Rome, and all sorts of devices to make gain. Human nature under similar conditions seems to be about the same from age to age.

PRACTICAL BUSINESS BOOKKEEPING. By Manson Seavy A.M. D. C. Heath & Co. Price \$1.55.

A comprehensive text-book for commercial colleges, a book of reference for business men, and an intelligible book for the self-instructor. It is divided into parts, each one complete in itself. Commercial paper, accounts, books of original entry. The old Italian journal is discarded. Four books—sales, purchase, cash and the journal are used as books of original double entry. Much information is given useful to the business man.

AN ACADEMIC ARITHMETIC. By Webster Wells, S. B. Associate Professor of Mathematics. Mass. Inst. of Technology. Leach, Shewell & Sanborn, Boston.

A text-book for academics, high and commercial schools. It is assumed that pupils have become acquainted with the elements of arithmetic, by studying books of a lower grade, and only enough of elementary arithmetic for the purpose of a review is given. Special care has been taken in having statements and analyses clearly made. More than the usual space is given to practical mensuration. The more difficult applications of percentage are postponed to the latter part of the book. The metric system is given its due space, and the appendix contains business forms and much valuable matter convenient for reference.

OUR WONDERFUL BODIES, and how to take care of them. Maynard, Merrill & Co., N. Y. Price 30 and 50 cents.

First and second books in Hutchison's Physiological Series, the first for primary and the second for intermediate and grammar grades. They are written in a style that will be interesting to children and easily comprehended. They explain the structure of the system somewhat, but deal more with foods, cleanly habits, and the efforts of improper drinking habits and tobacco. The books are entertaining as well as instructive.

THE STUDY CLASS. By Anna Bennison McMahan. A. S. McClurg & Co., Chicago. Price \$1.00.

During the last few years many clubs and circles have been formed for some special line of study. Chautauqua and many similar assemblies have been very successful in their work. The "circles" and "clubs" have been largely the outgrowth of these larger assemblies. Projects have been formed by those who cannot attend these larger gatherings, to carry on their plans of study by correspondence. Much of this study has been superficial. This book has been written as an aid and a guide to such students in English literature. It suggests giving little attention to the biographies of authors. It suggests the study of the writings themselves, devoting little time to what others have said about the writings. It does not propose to cover the whole field of literature, but makes a special study of Shakespeare, the English drama, poetry and the English essay.

The book is concisely written and the outlines of topics are suggestive of close and critical study.

THE HISTORY OF WISCONSIN. From Prehistoric to Present Periods. By Clark S. Matteson, Milwaukee: Wisconsin Historical Publishing Company.

The study of history as well as geography should begin at home. Local histories are the sources from which are taken the material for general history and interest in the study is increased by call-

ing attention to the history of localities where the learners live.

The first part of this work is a condensation of the report on the geology and archaeology of the state, and no state in the union furnishes a more interesting field for investigation in these respects. The glacial period has been made the subject of special study by able scientists. The condensation is too brief to do full justice to the subject but is a fitting introduction to the history of the state.

The history proper is a compilation of the most important facts—early explorations and settlements, Indian tribes and wars, territorial government, the formation of the constitution, and the successive administrations. Considerable space is given to the part the state took in the civil war and there is a brief notice of the services of every regiment that entered the field. Important cases before the courts are mentioned and local incidents are detailed, some of them at greater length, perhaps, than their importance warrants. Some poetry and romance are worked in and there is even a children's corner. The book is illustrated with pictures of eminent men and localities, some of the illustrations and some of the matter are not confined to Wisconsin. The work was originally published in the form of historical magazines and contains some matter that was all well enough in popular magazines but is not essential to history, though interesting in itself.

BOOKS RECEIVED.

The Normal Union Arithmetic by Edward Brooks, A. M., Ph. D., published by Christopher Sower Co., Philadelphia. Price 70 cents.

The New Normal Written Arithmetic by Edward Brooks, A. M., Ph. D., published by Christopher Sower Co.

Elementary Arithmetic by Edward Brooks, A. M., Ph. D., published by Christopher Sower Co., Philadelphia.

New Primary Arithmetic by Edward Brooks, A. M., Ph. D., published by Christopher Sower Co., Philadelphia.

New Mental Arithmetic by Edward Brooks, A. M., Ph. D., published by Christopher Sower Co., Philadelphia.

Union Arithmetic (Part 1) by Edward Brooks, A. M., Ph. D., published by Christopher Sower Co., Philadelphia.

The History of Wisconsin by Clark S. Matteson. Published by the Wisconsin Historical Publishing Co., Milwaukee.

Our Wonderful Bodies and How to Take Care of Them, by Hutchinson, (First Book) published by Maynard, Merrill & Co., New York. Price 30 cents.

Our Wonderful Bodies and How to Take Care of Them, by Hutchinson, (Part Second) published by Maynard, Merrill & Co., New York. Price 50 cents.

The Theory and Practice of Handwriting by John Jackson. Published by William Beverley Harison, New York.

A History of the United States, by John Fiske. Published by Houghton, Mifflin & Co., New York.

Henry Holt & Co's Educational Catalogue. June. 29 West 23d St., New York.

Six Month's Preparation for Reading Caesar by Frederick B. Richardson, A. M., published by Henry Holt & Co., New York. Teachers' price 90 cents.

The Book of the Fair. Nos. 10 and 11. Published by the Bancroft Co., Chicago, Ill. Price \$1 each.

Practical Lessons in Fractions by Florence N. Sloan. Published by D. C. Heath & Co., Boston. Price 40 cents.

Frank and Kate, How They Found Out, by Arthur A. Upham. Published by Tracy, Gibbs & Co., Madison, Wis. Price 50 cents.

From Milton to Tennyson, by L. DuPont Slye. Published by Allyn & Bacon, Boston.

The Phonographic Record of Clinical Teaching for June No. 1. Sir Isaac Pittman & Sons, 33 Union Sq., New York.

The Psychic Factor, by Charles Van Norden D. D., LL. D., published by D. Appleton & Co., New York. Price \$1.25.

First Steps in Arithmetic (Part 1) by William M. Peck. Published by A. Lovell & Co., New York.

Grammar School Arithmetic (Part 2) by William M. Peck. Published by A. Lovell & Co., New York.

Historic of Modern Times by Victor Duruy. Published by Henry Holt & Co.

Elementary Lessons in Physics by J. B. Gifford. Published by Thompson, Brown & Co. Price 60 cents.

The National School Library of Sons (No. 2) edited by Leo. R. Lewis. Published by Ginn & Co., Boston. Price 60 cents.

MAGAZINES RECEIVED.

Lippincott's Monthly Magazine for July. Terms \$3 per annum. J. B. Lippincott Co., Philadelphia, Pa.

McClure's Magazine for July. Price 15 cents per copy. S. S. McClure, New York.

The North American Review for July. Terms \$5 per annum. Edited by Lloyd Bryce, New York.

The Forum for July. Terms \$3 a year. Edited by Walter H. Page. The Forum Publishing Co., New York.

McClure's Magazine for August; terms \$1.20 a year. S. S. McClure, New York.

Demorest's Family Magazine for August; terms \$2 per year. Published at No. 15 E. 14th St., New York.

D. Appleton & Co's. Monthly Bulletin for July. D. Appleton & Co., New York.

The Quarterly Illustrator for July, August, September; terms \$1 per year. Harry C. Jones, New York.

Catalogue of Books published by D. C. Heath & Co., Boston.

The Arena for July; terms \$5 per annum. Edited by B. C. Flower. The Arena Publishing Co., Boston.

L'Enseignement Professionnel Pratique A L'Exposition De Chicago, Par Leon Genoud. Fribourg, France.

Les Metiers et D'Industrie Domestique A L'Exposition De Chicago at Aux Etats-Unis. Fribourg, France.

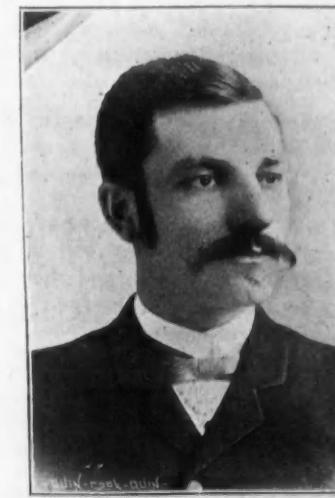
MUSIC RECEIVED.

"Bring My Laddie Back to Me," by J. P. Skelly. Published by K. Dehnoff. New York.

A souvenir volume of half tone illustrations of "The Great School Exhibits" at the World's Fair has been issued by William George Bruce, Milwaukee, Wis., price, 50 cents. The publication of this volume has been prompted by the usual interest manifested in the illustrations of the educational exhibits which have appeared from time to time during the past year in the *American School Board Journal*. Inquiries from foreign countries as well as this country for photographs and engravings to be used in government or educational reports were received from the publisher. The collection was then made as complete as possible near the close of the fair and all the engravings made of uniform size.—*N. Y. School Journal*.

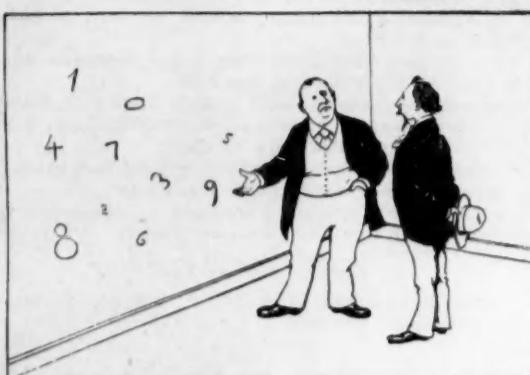
MILWAUKEE'S NEW MEDICAL AND DENTAL COLLEGE.

The Milwaukee Medical College and School of Dentistry, which was incorporated in 1893 for the purpose of teaching medicine and dentistry, will, on September 26th, throw open its doors to the public and the regular course will begin. The gentlemen at the head of this institution are well known and reputable physicians and dentists who deserve great credit for the enterprise they have shown in giving the state this really model college. Physicians and dentists have long left the necessity of a college of this description. We recently had the good fortune to be shown through the college building, which is complete in all its appointments being equipped with all the latest improved apparatus. The location is central, being at the corner of Ninth and Wells Sts., easy of access to the business portion of the city, and in one of the most picturesque parts of Milwaukee. From the college grounds one can obtain an excellent view of the entire city. Dr. W. H. Earles, that well known and thorough surgeon is the dean of the medical faculty; Dr. W. H. Neilson, a prominent physician, is president of the board of directors, and Dr. B. G. Maerklein is dean of the dental faculty. Every effort has been made by the board to secure the best talent obtainable for the faculty. Many applications have been received from parties throughout the state who are desirous of following the profession of physician or dentist, and the success of the institution is therefore assured.



C. M. DOXSEL,
Secretary School Board, Algoma, La.

TRIUMPH OF ART EDUCATION.



School Director:—You see we want arithmetic more than art. These figures mean education.



Teacher of Drawing:—Ah, but see I turn these figures into art. I combine arithmetic with drawing.

Teacher (in mineralogy class): "Johnnie, give me the name of the largest known diamond."

Johnnie: "The Ace."

A Little Girl's Composition on Boys.

Boys are men that have not got as big as their papas, and girls are women that will be young ladies by and by. Men was made before women. When God looked at Adam he said to himself: "Well, I think I can do better if I try again," and then he made Eve. God liked Eve so much better than Adam that there have been more women than men ever since.

Boys are a trouble. They wear out everything but soap. If I had my way, half of the boys in the world would be girls, and the rest would be dolls. My papa is so nice that I think he must have been a little girl when he was a little boy.

Impressed.

A young man fresh from college wore as a scarf-pin a jeweled gold potato bug. One day he called the attention of an old German bookseller to it, asking:

"Is'n that pretty, Dutchy?"

"Ja, ja," was the reply. "Dot ish der piggest pug on der schmallest botato I haf efer seen."

Bluffing.

In the mathematics class one day at Williams College Prof. S—, who was rarely made the subject of college jests, was excessively annoyed by some man "squeaking" a small rubber bladder. The noise seemed to come from near a certain Jack Hollis, and after querying each of his neighbors, and receiving a negative answer, Prof. S— said sternly:

"Hollis, do you know who is making that unbearable noise?"

Hollis, who had been the guilty person all along assumed an air of stoical bravery, and said calmly: "I know, sir, but I prefer not to tell."

Prof. S—'s angry face grew calmer, and with evident pleasure he replied: "I respect your scruples, Hollis. They do you credit, and should shame the guilty man, sir!"

Object Lesson on the Chair.

Teacher—(Having directed the attention of the class to the various parts of a chair)—"Of what use is the seat in a chair?"

Bright Little Girl (who knows it all)—"I know."

Teacher—"You may tell the class."

Bright Little Girl—"To keep people from flopping on the floor."

Light Wanted.

The Professor of the Chair of Political Economy had talked to the class an hour and a half.

"I have tried to make this whole question of the tariff perfectly plain to you," he said, wiping the perspiration from his glowing face, "and I trust I have succeeded. Still, if there should be some among you who desire further light on this matter I am ready to answer any question you may ask."

"I think I understand most of your lecture, professor," spoke up a deeply interested young man on the front seat, "but I'd like to know whether this Ad Valorem you've been talking about is a man or a woman."

When It Comes.

Teacher:—"What is the Great Divide?"

Smart Boy:—"It's what comes after election."

Understood It.

Teacher:—"Let me write the songs of a nation, I care not who makes the laws." Do you understand that?

Bright Boy:—"Yes'm. Lots of Congressmen died poor, but the composer of "After the Ball" made a hundred thous—"

Teacher:—"Next."

FOREIGN HUMOR.

La Moitié de ses Gages. X—, un incorrigible joueur, possède un vieux valet de chambre qui se permet parfois de mordre son maître assez cavalièrement.

"Vous n'avez donc pas peur," lui demande un familier de la maison, "qui votre maître ne se fatigue un beau jour de vos libertés?"

"Oh! rassurez-vous, c'est la moitié de mes gages!"—Le Joyeux Passe-temps.

Aus der Schule!

Lehrer: "Kannst Du mir wohl sagen, Heinrich Schulze, warum im Herbst die Tage schon früher werden?"—„Jedenfalls, damit das Jahr rascher zu Ende geht?“

Un Voleur Récompensé. Un voleur en train de forcer un coffre-fort est très étonné en relevant la tête de trouver un gentleman qui le regarde faire tranquillement. Il essaie de se sauver, mais le gentleman l'arrête.

"Continuez mon ami," lui dit-il, "votre travail m'intéresse beaucoup."

"Pourquoi donc?" demande de voleur étonné.

"Parce que j'ai perdu la clef de ce coffre-fort. Si vous pouvez l'ouvrir vous serez très bien payé pour votre peine."—L'Arlequin.

Aus dem Mädchenschuln-Gymnasium.

Lehrerin: "Also Krl. Elsa, wenn ich sage: ,er liebt mich'—was ist das für ein Form?"—Elsa: „Das ist der thätige Form.“—Lehrerin: „Richtig, und die leidende Form?"—Elsa: „Er liebt mich nicht.“

Le Patient Docile.—Entré hier à quatre heures dans un café-restaurant du boulevard et aperçu Champoireau achevant son dessert.

"Comment! Encore à table à cette heure-ci?"

"Je vais vous dire: c'est mon troisième déjeuner.

"Non!"

Oui. Figurez-vous que mon médecin me permet un seul cigare après chaque repas. Alors, pour pouvoir fumer à mon aise, je fais six repas par jour!"—Le Journal Amusant.

Achjo!

Lehrer: "Der See ist ein Binnensee. Die See dagegen ist ein großes Meer. Lage lang, ja Wochen und Monate kann man dort sein, ehe man wieder nach Hause kommt.—Wer von euch nennt mir den Namen eines solchen Sees?"—Schüler: "Plötzensee, denn mein Vater gebrauchte auch vier Wochen, ehe er von dort wieder nach Hause kam!"



A German Schoolmaster's invention by which twenty unruly boys can be whipped in five minutes without exertion.

School Board Journal

NEW OFFICERS OF THE N. E. A.

President—Nicholas Murray Butler, of New Jersey.

First Vice President—A. G. Saul, of Illinois.

Vice Presidents—G. M. Phillips, Pennsylvania; L. E. Wolfe, Missouri; W. H. Bartholomew, Kentucky; W. F. Slaton, Georgia; D. B. Johnson, South Carolina; H. A. Wise, Maryland; W. E. Sheldon, Massachusetts; S. S. Packard, New York; W. R. Malone, Utah; D. L. Kiehl, Minnesota; F. A. Fitzpatrick, Nebraska.

Secretary—Irwin Shepard, Minnesota.

Treasurer—J. M. Greenwood, Missouri.

Directors—W. H. Corthell, Maine; C. C. Rounds, New Hampshire; Ray Greene Huling, Massachusetts; Thomas B. Stockwell, Rhode Island; V. G. Curtis, Connecticut; C. W. Bardeen, New York; A. B. Poland, New Jersey; E. O. Lyte, Pennsylvania; A. N. Raub, Delaware; John E. McCann, Maryland; William T. Harris, District of Columbia; John E. Massey, Virginia; W. H. Anderson, West Virginia; C. P. Denson, North Carolina; P. T. Brodie, South Carolina; W. N. Sheats, Florida; C. H. Dietrick, Kentucky; Frank Goodman, Tennessee; Otis Ashmore, Georgia; J. H. Phillips, Alabama; Dabney Lipscomb, Mississippi; H. C. Pritchett, Texas; Junius Jordan, Arkansas; F. Treadley, Ohio; Jesse H. Brown, Indiana; Orville T. Bright, Illinois; E. A. Strong, Michigan; S. A. Hooper, Wisconsin; J. T. Merrill, Iowa; C. B. Gilbert, Minnesota; John T. Buchanan, Missouri; James H. Canfield, Nebraska; John McDonald, Kansas; R. G. Young, Montana; James H. Baker, Colorado; Ella M. Dukes, Utah; F. B. Gault, Idaho; F. J. Barnard, Washington; E. B. McElroy, Oregon; Earl Barnes, California; Mrs. Edward Faro, South Dakota.

SCHOOL BOARD NEWS.

The following is some interesting data relative to the expenses of running the public schools in a number of cities: It costs Portland, Me., a place of 40,000 inhabitants, \$115,411 to run its schools; Chelsea, Mass., population 30,000, cost \$93,512; Haverhill, Mass., population 30,000, cost \$86,883; Wheeling, W. Va., population 40,000, cost \$118,773; Knoxville, Tenn., \$47,969; Nashville, population 76,000, cost \$141,670; Dallas, Tex., population 40,000, cost \$125,767; Rockford, Ill., population 30,000, cost \$69,000.

At Brooklyn, N. Y., the total reduction in the budget for educational purposes is considerably over \$1,000,000.

If you want **FRENCH BOOKS**, or books of any description—School Books, Standard Books, Novels, etc.—send to **WILLIAM R. JENKINS**, Publisher and Importer, 851 and 853 Sixth Avenue (48th Street), New York. Complete catalogue on application. Importations promptly made.

The board of education at Sioux City, Ia., decided to make contracts with the street car companies to provide means of transportation for school children from the suburban districts into the city schools so as to enable them to get the full benefit thereof.

The St. Joseph, Mo., board of education made it a condition in awarding contracts for the new schools that all work be done by resident workmen.

The school board of Marshallville, O., sold 1,000 bottles of wine to Henry Stinemetz, of Doylestown, for \$200. It was the vintage of 1865. A number of years ago Christian Hostetter, a wealthy German, then living near the village of Marshallville, opposed the erection of a school house. Later he relented, and, to express his good will, gave the school board the wine to assist in building a school house.

The Boston school board balloted two hours casting twenty-eight ballots and finally failed to elect a supervisor.

Vale Mills, O. The board of education of Vinton township, adopted a resolution to open the several school houses for religious meetings on Saturday night and Sunday. It is opposed by the majority of the people.

The Hon. Thomas D. Gilbert, of Grand Rapids, Mich., favors the savings bank system, he also thought the board might profitably circulate tracts among the pupils inculcating principles of thrift.

The school board of Anderson, Ind., have given official authority to an extended excursion to a number of points in Virginia for geographical and historical purposes.

At Nashville a practical test of the fire drill went to show that the maximum length of time consumed in emptying the school buildings, was three minutes and ten seconds, and the minimum one minute.

The board of education at Flint, Mich., passed a resolution providing that no contract be made by the board with one of its members.

Protestants and Catholics in Chicago have united in a petition to the board of education asking that a reading book of selections from the Scriptures be prepared for use in the public schools.

The board of education of Junction City, Kan., has decided that public school teachers may go to one dance a week, but no more.

Evans City, Pa. Has two school boards and two sets of teachers with a grand row in sight at the opening of schools.

The school board at Shawnee, Kan., passed a rule that teachers must not chew gum during school hours. The Nelsonville, Kan., teachers are forbidden to dance.

A NEW GRAMMAR SCHOOL GEOGRAPHY

BY DR. JOHN M. TILDEN, Author of TILDEN'S COMMERCIAL GEOGRAPHY.

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The book is thoroughly modern in mechanical make up, and the publishers believe it to be fully worthy of the earnest consideration of the Educational Public.

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The Baxwell law, providing free books for children in the public schools, passed by the recent Ohio legislature, went into effect last month.

The East Windsor, Conn., board of education contemplate the furnishing of free text books on physiology and hygiene.

A NEW CANCER CURE.

It has recently been discovered that Septicide will destroy the Cancer germ. The Septicide Mfg. Co., of Milwaukee, have been shipping this remedy to all parts of the country for various germ diseases, but not until recently were they aware that this antiseptic remedy would destroy the germs of that most dreaded of all diseases, cancer. It has already shown some remarkable cures. When applied it quickly removes the unpleasant odor and perfectly relieves the pain, which gives the sufferer the greatest comfort.

To any one afflicted with a cancer, who will write to the Company, explaining their case, they will send a quart bottle *free* for trial. This very liberal proposition shows the sincerity of the Company's claim.

M. D. or D. D. S.

In another column of this issue can be seen the advertisement of the Milwaukee Medical College and School of Dentistry, which will interest our readers who are desirous of adopting the honorable profession of medicine or dentistry.

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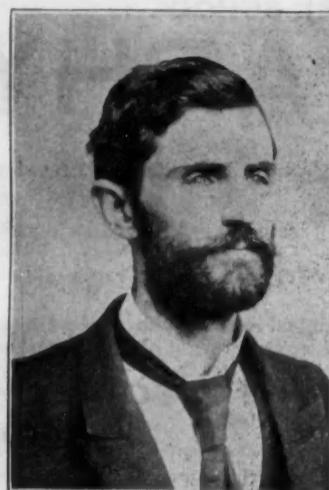
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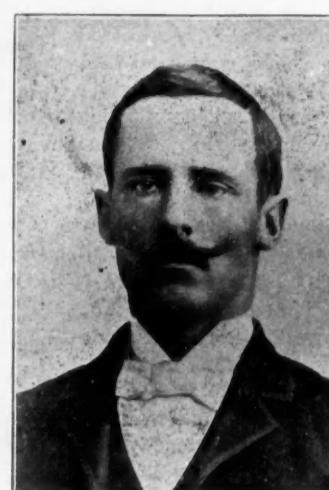
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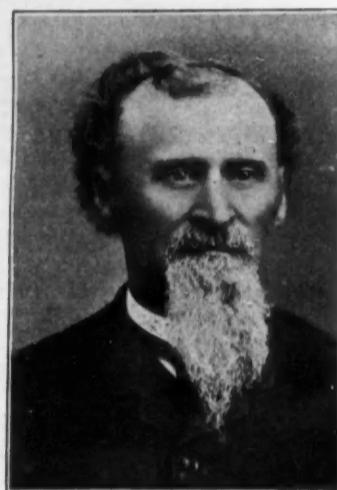
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Co. Supt. of Schools, Boone Co.,
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SCHOOL BOARD ITEMS.

The Richmond, Mo., school board appointed its superintendent on condition that he board at a certain hotel. He accepted.

Married women are being deposed from services as teachers in the public schools of the Australian colony of Victoria. Under a new law when a woman marries she must resign her place. The main design of the change is to give advantage to single women.

The new normal school at Los Angeles, Cal., will be heated and ventilated by the fan system.

Mr. Gould, from the special building committee of the Moline, Ill., school board, submitted a pro-

sition from the Chicago Electric Service company offering to equip the new high school building with its apparatus for the automatic regulation of the temperature. After some discussion it was decided to accept the proposition on the ground of economy in the use of fuel.

The Milwaukee school board adopted a resolution introduced by Commissioner Lindemann providing that the teachers who are granted the use of school rooms for the purpose of conducting summer schools, teachers who keep private schools or give private lessons, shall not in any way assist in the examination of pupils seeking admission to the high school or promotion to higher grades.

The resident property owners of Los Angeles, in

a petition to the board of education, state that it is a manifest injustice to placing the Superintendent of Schools, who is an employe of the Board, in a position where he or she is independent of the Board as to his or her term of office.

A MARVELOUS CURE.

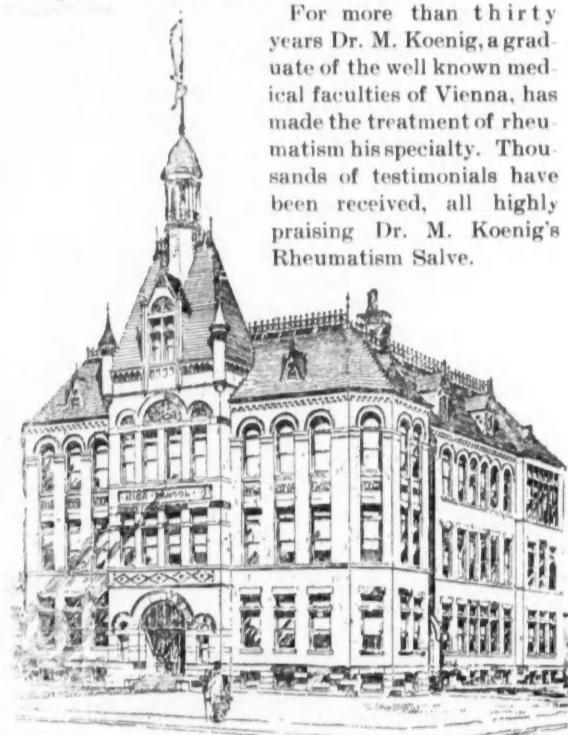
After having suffered from the Piles for 20 years, and having tried every remedy put on the market for that disease, I was induced by a friend to try one box of your remedy (Pileine) and am very happy to state the result has been marvelous, all traces of the disease having disappeared. I most heartily recommend those suffering from this disease to use your remedy.

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Here is the mathematics below the High School simplified and enriched, and we exclaim as we examine the book, "Why have we not done this before? It is so easy and so much more profitable than the old plans."—J. W. STEARNS, Pres. Normal School, Madison, Wis.

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HISTORY.

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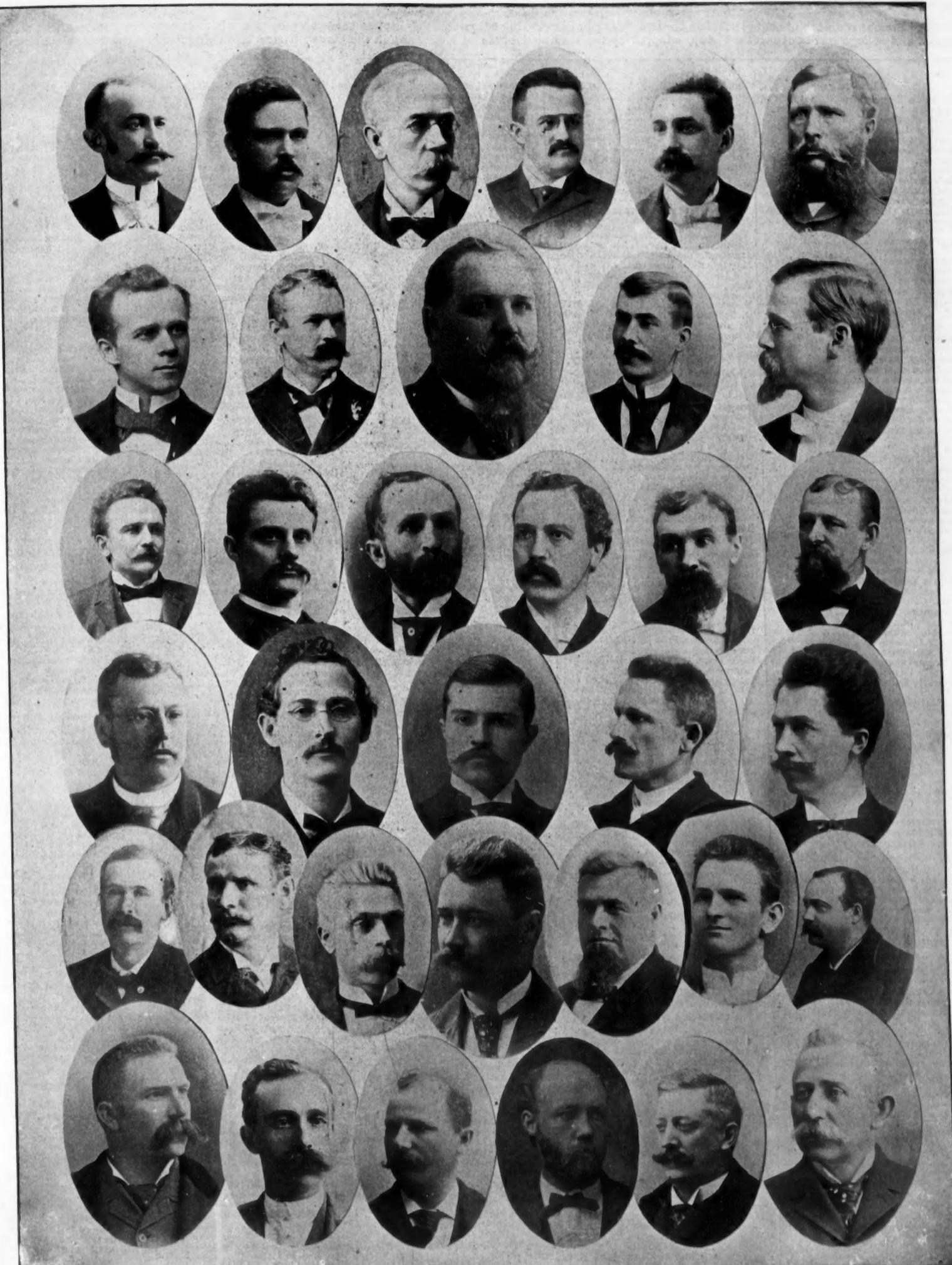
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Directory

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SCHOOL SUPPLIES.

Directory

SCHOOL EQUIPMENT.

This directory has been prepared for the convenience of Secretaries, Boards of Education and school officials who contemplate the erection of school houses, and the purchase of School Furniture, Supplies and Equipment. The names of reliable firms only are listed. Write them for estimates and other information.

Apparatus.

Eimer & Amend..... New York city.
J. & H. Berge..... " " "
W. A. Olmsted..... " " "
C. F. Rossweiler & Co..... Chicago.
E. S. Ritchie & Sons. Brookline, Mass.
Richards & Co..... New York, Chicago.
U. S. F. Co. Chicago, N. Y., Sidney, O.
Alfred L. Robbins Co. Chicago, Ill.
Boston School Supply House..... Boston.

Architects.

F. S. Allen..... Joliet, Ill.
School House Constr. Co. Peoria, Ill.
Conover & Porter..... Madison, Wis.
H. C. Koch & Co. Milwaukee, Wis.
Van Ryn & Lesser..... " "
Bernard Kolpacki..... " "

Bells.

Buckeye Bell Foundry.... Cincinnati, O.
Cincinnati Bell Foundry..... " "
Centennial Bell Foundry.... Milwaukee.
Stuckede & Bros..... St. Louis, Mo.
Peckham, Little & Co. New York city.

Black Boards.

Con'l'd Lehigh Slate Co. New York.
Thomas Kane & Co. Chicago.
Central School Supply House. Chicago.
C. F. Rosweiler & Co. Chicago.
Auld & Conger..... Cleveland, O.
A. H. Andrews & Co. Chicago, Ill.
W. A. Olmsted..... " "
Wm. Bev. Harison..... New York.
Potter & Putnam..... " "
U. S. F. Co. Chicago, N. Y., Sidney, O.

Boilers.

Gorton & Lidgerwood. New York city.
American Boiler Co. Boston

Badges.

Bunde & Upmeyer..... Milwaukee.
E. R. Stockwell..... New York city.

Ceilings—Metal.

H. S. Northrop..... New York City.

Charts.

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Boston School Sup. Co. Boston, Mass.

Potter & Putnam..... New York City.
John E. Potter & Co. Philadelphia, Pa.

Thomas Kane & Co. Chicago.
Central School Supply House. Chicago.

Cyclautograph.

Wm. Bev. Harison..... New York.

Diplomas.

C. L. Ricketts..... Chicago, Ill.

D. T. Ames Co. New York City.

Duplicators.

Neostyle Co. New York city.

Wm. Bev. Harison..... New York.

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Dry Closets.

Fuller & Warren..... Chicago, Ill.

H. Sandmeyer & Co. Peoria, Ill.

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Weston Electrical Co. Newark, N. J.

W. A. Olmsted..... " "
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Potter & Putnam.

New York.

J. M. Olcott..... " "

A. H. Andrews & Co. Chicago.

U. S. School Furniture Co. " "

C. W. Holbrook..... Windsor, Mass.

Heat Regulation.

Short-Conrad Co. Cleveland, O.

Heating and Ventilation.

Griffin Iron Co. New York, Chicago, Boston, Philadelphia.

Am. Boiler Co. Boston, New York, Chicago and Portland, Ore.

Fuller & Warren Co. Chicago, Ill.

Short-Conrad Co. Cleveland, O.

Gorton & Lidgerwood Co. N. Y. City.

H. Sandmeyer & Co. Peoria, Ill.

F. Richter & Son..... Milwaukee.

Ink.

Western Ink Co. Winchester, Ind.

Carroll W. Clark & Co. Boston

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Thomas Kane & Co. Chicago.

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O. E. D. Barron..... Columbus, O.

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Wm. Bev. Harison..... New York.

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School Records.

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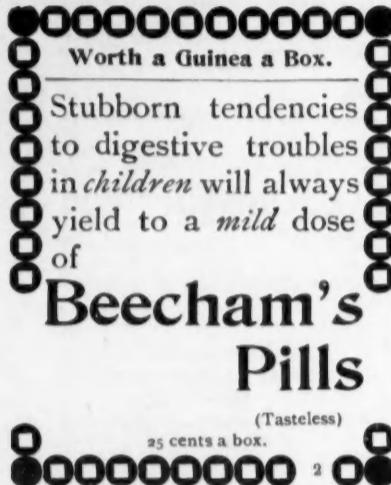
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AMERICAN SCHOOL BOARD JOURNAL.

LAURELS IN EDUCATION.

An interesting introductory article, and one which is somewhat characteristic of the writer, is found in the new pamphlet issued by the Spencerian Business College. The founder of that noble institution, Robert C. Spencer, touches in a frank manner upon his own connection with the educational interests of the great northwest, his pioneer work, his struggles and achievements, and speaks in his lucid and vigorous style of the future usefulness of his business school. The grand work it has accomplished is well known. What it will do and can do is evident. The college rooms have been enlarged and improved. Modern conveniences have been introduced, thus making the college as a whole, a desirable and pleasant abode for students.

A strong faculty made up of specialists



in their respective lines, will take charge of the class rooms. The strong hand of Mr. Spencer will be felt in the departments of study. Mr. Gilbert, the able principal, will continue his watchful care and labor in behalf of the students. The fall term opens Sept. 4.

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Wiles besides being a thorough attorney, is a first class mechanical engineer, hence his clients can rest assured of receiving the best of service.

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MILWAUKEE COLLEGE.

Attention is called to the advertisement elsewhere in this issue of the above well known college for ladies which will reopen on Sept. 13th. Those wishing to enter either the collegiate or preparatory department should apply as early as possible to the president, Mrs. Upton, Milwaukee College, Milwaukee, Wis.

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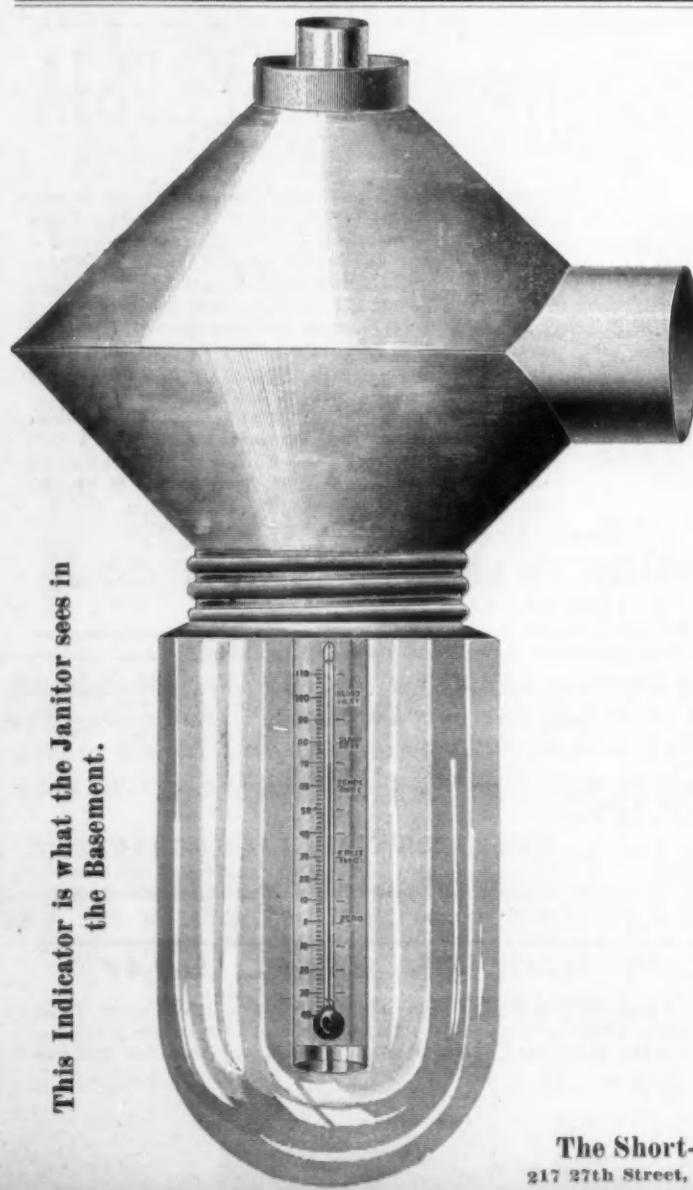
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